

Exhibit 14



HERITAGE THERMAL SERVICES
1250 St. George Street
East Liverpool, Ohio 43920-3400
Phone: 330-385-7337
Fax: 330-385-7813
www.heritage-thermal.com

OHSAS 18001: 2007
ISO 14001: 2004
ISO 9001: 2008

Mr. Erik Bewley
OEPA-DAPC-NEDO
2110 E. Aurora Road
Twinsburg, OH 44087

January 30, 2015
VIA UPS and Air Services

RE: HERITAGE THERMAL SERVICES
FACILITY ID: 02-15-02-0233
4TH QUARTER 2014
EXCESS EMISSIONS REPORT

Dear Mr. Bewley:

Enclosed are the quarterly reports for excess emissions of opacity, sulfur dioxide, oxides of nitrogen, and total hydrocarbons as required by Heritage Thermal Services' Title V Permit # P0084372. Additional information regarding incinerator operation, kiln and secondary combustion temperature, and carbon monoxide emissions are also included. This report covers the period **October 1 through December 31, 2014.**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are certain penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

If you have any questions feel free to contact me at 330-385-7337.

Sincerely,

A handwritten signature in dark ink, appearing to read "Stewart Fletcher", is written over a light blue horizontal line.

Stewart Fletcher
General Manager
Heritage Thermal Services



Recycled Paper

Key Words: Air / Quarterly Report /4th Quarter 2015 EER

File Name: Environ\Vince\EER Quarterly\144Q\eer cover 144Q.doc

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
10/01/2014 00:00	10/01/2014 10:03	604	On Hazardous Waste
10/01/2014 10:04	10/01/2014 11:09	66	Retention
10/01/2014 11:10	10/01/2014 11:26	17	On Hazardous Waste
10/01/2014 11:27	10/01/2014 12:25	59	Retention
10/01/2014 12:26	10/01/2014 21:04	519	On Hazardous Waste
10/01/2014 21:05	10/01/2014 22:05	61	Retention
10/01/2014 22:06	10/03/2014 14:07	2402	On Hazardous Waste
10/03/2014 14:08	10/03/2014 15:29	82	Retention
10/03/2014 15:30	10/04/2014 18:11	1602	On Hazardous Waste
10/04/2014 18:12	10/04/2014 19:10	59	Retention
10/04/2014 19:11	10/06/2014 19:34	2904	On Hazardous Waste
10/06/2014 19:35	10/06/2014 19:38	4	Retention
10/06/2014 19:39	10/07/2014 20:53	1515	On Hazardous Waste
10/07/2014 20:54	10/07/2014 20:59	6	Retention
10/07/2014 21:00	10/08/2014 03:23	384	On Hazardous Waste
10/08/2014 03:24	10/08/2014 04:02	39	Retention
10/08/2014 04:03	10/08/2014 09:52	350	On Hazardous Waste
10/08/2014 09:53	10/08/2014 11:15	83	Retention
10/08/2014 11:16	10/09/2014 19:40	1945	On Hazardous Waste
10/09/2014 19:41	10/09/2014 20:13	33	Retention
10/09/2014 20:14	10/11/2014 01:37	1764	On Hazardous Waste
10/11/2014 01:38	10/11/2014 01:50	13	Retention
10/11/2014 01:51	10/11/2014 17:03	913	On Hazardous Waste
10/11/2014 17:04	10/11/2014 18:05	62	Retention
10/11/2014 18:06	10/13/2014 11:57	2512	On Hazardous Waste
10/13/2014 11:58	10/13/2014 12:25	28	Retention
10/13/2014 12:26	10/14/2014 04:03	938	On Hazardous Waste
10/14/2014 04:04	10/14/2014 05:01	58	Retention
10/14/2014 05:02	10/20/2014 11:09	9008	On Hazardous Waste
10/20/2014 11:10	10/20/2014 12:01	52	Retention
10/20/2014 12:02	10/21/2014 07:05	1144	On Hazardous Waste
10/21/2014 07:06	10/21/2014 07:55	50	Retention
10/21/2014 07:56	10/22/2014 17:17	2002	On Hazardous Waste
10/22/2014 17:18	10/22/2014 18:15	58	Retention
10/22/2014 18:16	10/25/2014 14:53	4118	On Hazardous Waste
10/25/2014 14:54	10/25/2014 15:00	7	Retention
10/25/2014 15:01	10/26/2014 12:06	1266	On Hazardous Waste
10/26/2014 12:07	10/26/2014 13:05	59	Retention
10/26/2014 13:06	10/27/2014 00:52	707	On Hazardous Waste
10/27/2014 00:53	10/27/2014 01:50	58	Retention
10/27/2014 01:51	11/02/2014 14:53	9423	On Hazardous Waste
11/02/2014 14:54	11/02/2014 14:55	2	Retention
11/02/2014 14:56	11/05/2014 19:55	4620	On Hazardous Waste
11/05/2014 19:56	11/05/2014 20:36	41	Retention
11/05/2014 20:37	11/06/2014 19:12	1356	On Hazardous Waste
11/06/2014 19:13	11/06/2014 19:29	17	Retention
11/06/2014 19:30	11/09/2014 19:36	4327	On Hazardous Waste
11/09/2014 19:37	11/09/2014 19:47	11	Retention
11/09/2014 19:48	11/12/2014 22:35	4488	On Hazardous Waste
11/12/2014 22:36	11/12/2014 23:24	49	Retention
11/12/2014 23:25	11/18/2014 13:23	8039	On Hazardous Waste
11/18/2014 13:24	11/18/2014 13:25	2	Retention
11/18/2014 13:26	11/19/2014 00:17	652	On Hazardous Waste
11/19/2014 00:18	11/19/2014 00:46	29	Retention
11/19/2014 00:47	11/22/2014 02:33	4427	On Hazardous Waste
11/22/2014 02:34	11/22/2014 03:17	44	Retention
11/22/2014 03:18	11/22/2014 03:20	3	On Hazardous Waste
11/22/2014 03:21	11/22/2014 03:35	15	Retention
11/22/2014 03:36	11/26/2014 11:20	6225	On Hazardous Waste
11/26/2014 11:21	11/26/2014 12:20	60	Retention
11/26/2014 12:21	11/28/2014 12:04	2864	On Hazardous Waste
11/28/2014 12:05	11/28/2014 13:20	76	Retention

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
11/28/2014 13:21	11/29/2014 14:40	1520	On Hazardous Waste
11/29/2014 14:41	11/29/2014 15:38	58	Retention
11/29/2014 15:39	11/30/2014 04:38	780	On Hazardous Waste
11/30/2014 04:39	12/01/2014 11:05	1827	Offline
12/01/2014 11:06	12/02/2014 01:04	839	On Virgin Fuels
12/02/2014 01:05	12/02/2014 01:05	1	On Hazardous Waste
12/02/2014 01:06	12/02/2014 01:07	2	On Virgin Fuels
12/02/2014 01:08	12/02/2014 21:20	1213	On Hazardous Waste
12/02/2014 21:21	12/02/2014 22:11	51	Retention
12/02/2014 22:12	12/05/2014 09:10	3539	On Hazardous Waste
12/05/2014 09:11	12/05/2014 09:44	34	Retention
12/05/2014 09:45	12/08/2014 14:29	4605	On Hazardous Waste
12/08/2014 14:30	12/08/2014 15:30	61	Retention
12/08/2014 15:31	12/09/2014 19:18	1668	On Hazardous Waste
12/09/2014 19:19	12/09/2014 20:18	60	Retention
12/09/2014 20:19	12/17/2014 12:10	11032	On Hazardous Waste
12/17/2014 12:11	12/17/2014 12:33	23	Retention
12/17/2014 12:34	12/20/2014 10:35	4202	On Hazardous Waste
12/20/2014 10:36	12/20/2014 11:34	59	Retention
12/20/2014 11:35	12/26/2014 11:52	8658	On Hazardous Waste
12/26/2014 11:53	12/26/2014 12:56	64	Retention
12/26/2014 12:57	12/31/2014 23:59	7863	On Hazardous Waste
		128119	On Hazardous Waste
		1693	Retention
		841	On Virgin Fuels
		1827	Offline
		0	Missing
		132480	Total
		132480	Minutes in Quarter

Temperature is Report
on a One Hour
Average

**Kiln Temperature
< 1718
Summary**

Kiln Temperature must be > 1718 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
		0	Total Minutes	

Temperature is Report
on a One Hour
Average

Kiln Temperature
< 1718

Kiln Temperature must be > 1718 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Tempera ture (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combu stion	Automatic Waste Feed Cutoff?
		0	Total Minutes in Exceedance				
		0	Number of Events				

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1747
Summary

SCC Temperature must be sufficient while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
12/05/2014 09:23	1682.4	22	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit
		22	Total Minutes	

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1747

SCC Temperature must be > 1747 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	12/05/2014 09:23	1743.34	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
2	12/05/2014 09:24	1734.78	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
3	12/05/2014 09:25	1727.94	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
4	12/05/2014 09:26	1727.94	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
5	12/05/2014 09:27	1721.88	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
6	12/05/2014 09:28	1709.13	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
7	12/05/2014 09:29	1709.13	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
8	12/05/2014 09:30	1702.66	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
9	12/05/2014 09:31	1696.84	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
10	12/05/2014 09:32	1692.22	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
11	12/05/2014 09:33	1689.06	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
12	12/05/2014 09:34	1686.38	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
13	12/05/2014 09:35	1686.38	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
14	12/05/2014 09:36	1685.56	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
15	12/05/2014 09:37	1684.69	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
16	12/05/2014 09:38	1683.50	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
17	12/05/2014 09:39	1682.41	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
18	12/05/2014 09:40	1683.03	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
19	12/05/2014 09:41	1683.03	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
20	12/05/2014 09:42	1687.25	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
21	12/05/2014 09:43	1687.25	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
22	12/05/2014 09:44	1689.97	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
		22	Total Minutes in Exceedance				
		1	Number of Events				

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Summary

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

Date	MAXIMUM PPM	Duration (min)	Reason	Corrective Action
Waste				
10/01/2014 10:04	18.9	58	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.
10/01/2014 11:26	11.6	56	Operator Error- Feed Prep	Restarted Unit. Reduced Charges
10/01/2014 21:04	10.8	57	Operator Error - Poor Operation	Restarted Unit
10/03/2014 14:07	32.7	76	Operator Error- Feed Prep	Restarted Unit. Reduced Charges
10/04/2014 18:11	15.2	60	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/07/2014 20:53	10.5	7	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/08/2014 03:23	10.6	12	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/08/2014 09:52	10.6	43	Operator Error Line Flush	Restarted unit. Revised feed instruction.
10/11/2014 01:37	11.8	11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/11/2014 17:03	25.6	62	Operator Error Feed Mix	Restarted unit. Revised feed instruction.
10/13/2014 11:57	10.5	3	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/14/2014 04:03	15.5	59	Operator Error Feed Prep	Restarted unit. Corrected issue.
10/20/2014 11:09	12.4	52	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/22/2014 17:17	10.1	57	Operator Error Feed Prep	Restarted unit. Revised feed instruction.
10/26/2014 12:06	12.0	59	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/27/2014 00:52	16.6	58	Malfunction Lance Slagging	Cleared lance. Restarted unit.
11/05/2014 19:55	12.9	40	Operator Error Line Flush	Restarted unit. Install indicator light
11/06/2014 19:12	11.8	18	Operator Error Line Flush	Restarted unit. Install indicator light
11/12/2014 22:35	12.4	45	Malfunction Lance Plugging	Cleared lance. Restarted unit.
11/26/2014 11:20	12.2	58	Operator Error Feed Prep	Restarted Unit. Reduced Charges
11/29/2014 14:40	15.1	59	Operator Error Feed Prep	Restarted Unit. Reduced Charges
12/08/2014 14:30	18.7	60	Operator Error Feed Mix	Restarted unit. Spaced out charges.
12/09/2014 19:18	14.0	59	Malfunction Lance Plugging	Cleared lance. Restarted unit.
12/17/2014 12:10	10.1	9	Operator Error Feed Mix	Restarted unit. Spaced out charges.
12/20/2014 10:35	18.0	60	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
12/26/2014 11:52	23.0	61	Malfunction Lance Plugging	Cleared lance. Restarted unit.
		1199	Total Minutes	
Fuels				
		0	Total Minutes	

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
4th Quarter 2014

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	10/01/2014 10:04	10.07	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
2	10/01/2014 10:05	10.94	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
3	10/01/2014 10:06	11.68	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
4	10/01/2014 10:07	12.02	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
5	10/01/2014 10:08	12.60	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
6	10/01/2014 10:09	12.81	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
7	10/01/2014 10:10	15.89	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
8	10/01/2014 10:11	17.10	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
9	10/01/2014 10:12	17.51	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
10	10/01/2014 10:13	17.68	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
11	10/01/2014 10:14	17.73	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
12	10/01/2014 10:15	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
13	10/01/2014 10:16	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
14	10/01/2014 10:17	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
15	10/01/2014 10:18	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
16	10/01/2014 10:19	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
17	10/01/2014 10:20	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
18	10/01/2014 10:21	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
19	10/01/2014 10:22	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
20	10/01/2014 10:23	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
21	10/01/2014 10:24	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
22	10/01/2014 10:25	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
23	10/01/2014 10:26	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
24	10/01/2014 10:27	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
25	10/01/2014 10:28	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
26	10/01/2014 10:29	17.98	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
27	10/01/2014 10:30	18.27	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
28	10/01/2014 10:31	18.32	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
29	10/01/2014 10:32	18.38	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
30	10/01/2014 10:33	18.56	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
31	10/01/2014 10:34	18.57	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
32	10/01/2014 10:35	18.59	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
33	10/01/2014 10:36	18.66	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
34	10/01/2014 10:37	18.66	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
35	10/01/2014 10:38	18.76	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
36	10/01/2014 10:39	18.91	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
37	10/01/2014 10:40	18.93	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
38	10/01/2014 10:41	18.93	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
39	10/01/2014 10:42	18.48	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
40	10/01/2014 10:43	18.06	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
41	10/01/2014 10:44	17.35	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
42	10/01/2014 10:45	17.08	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
43	10/01/2014 10:46	17.00	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
44	10/01/2014 10:47	17.02	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
45	10/01/2014 10:48	17.04	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
46	10/01/2014 10:49	17.04	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
47	10/01/2014 10:50	17.06	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
48	10/01/2014 10:51	17.05	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
49	10/01/2014 10:52	16.85	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
50	10/01/2014 10:53	16.56	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
51	10/01/2014 10:54	15.81	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
52	10/01/2014 10:55	14.66	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
53	10/01/2014 10:56	14.24	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
54	10/01/2014 10:57	13.26	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
55	10/01/2014 10:58	11.89	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
56	10/01/2014 10:59	11.34	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
57	10/01/2014 11:00	10.34	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
58	10/01/2014 11:01	10.03	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
59	10/01/2014 11:26	11.07	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Waste	Yes	Yes
60	10/01/2014 11:27	11.47	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
61	10/01/2014 11:28	11.57	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
62	10/01/2014 11:29	11.36	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
63	10/01/2014 11:30	11.07	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
64	10/01/2014 11:31	11.01	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
65	10/01/2014 11:32	10.95	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
66	10/01/2014 11:33	10.77	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
67	10/01/2014 11:34	10.76	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
68	10/01/2014 11:35	10.74	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
69	10/01/2014 11:36	10.68	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
4th Quarter 2014

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
4th Quarter 2014

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
139	10/01/2014 21:28	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
140	10/01/2014 21:29	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
141	10/01/2014 21:30	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
142	10/01/2014 21:31	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
143	10/01/2014 21:32	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
144	10/01/2014 21:33	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
145	10/01/2014 21:34	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
146	10/01/2014 21:35	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
147	10/01/2014 21:36	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
148	10/01/2014 21:37	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
149	10/01/2014 21:38	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
150	10/01/2014 21:39	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
151	10/01/2014 21:40	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
152	10/01/2014 21:41	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
153	10/01/2014 21:42	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
154	10/01/2014 21:43	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
155	10/01/2014 21:44	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
156	10/01/2014 21:45	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
157	10/01/2014 21:46	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
158	10/01/2014 21:47	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
159	10/01/2014 21:48	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
160	10/01/2014 21:49	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
161	10/01/2014 21:50	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
162	10/01/2014 21:51	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
163	10/01/2014 21:52	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
164	10/01/2014 21:53	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
165	10/01/2014 21:54	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
166	10/01/2014 21:55	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
167	10/01/2014 21:56	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
168	10/01/2014 21:57	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
169	10/01/2014 21:58	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
170	10/01/2014 21:59	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
171	10/01/2014 22:00	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
172	10/03/2014 14:07	10.80	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Waste	Yes	Yes
173	10/03/2014 14:08	16.50	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
174	10/03/2014 14:09	19.97	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
175	10/03/2014 14:10	22.25	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
176	10/03/2014 14:11	23.74	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
177	10/03/2014 14:12	25.22	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
178	10/03/2014 14:13	26.48	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
179	10/03/2014 14:14	27.48	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
180	10/03/2014 14:15	28.25	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
181	10/03/2014 14:16	28.92	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
182	10/03/2014 14:17	29.28	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
183	10/03/2014 14:18	29.53	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
184	10/03/2014 14:19	29.74	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
185	10/03/2014 14:20	29.92	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
186	10/03/2014 14:21	29.92	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
187	10/03/2014 14:22	29.92	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
188	10/03/2014 14:23	30.93	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
189	10/03/2014 14:24	31.06	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
190	10/03/2014 14:25	31.18	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
191	10/03/2014 14:26	31.29	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
192	10/03/2014 14:27	31.41	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
193	10/03/2014 14:28	31.52	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
194	10/03/2014 14:29	31.65	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
195	10/03/2014 14:30	31.79	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
196	10/03/2014 14:31	31.94	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
197	10/03/2014 14:32	32.09	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
198	10/03/2014 14:33	32.23	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
199	10/03/2014 14:34	32.33	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
200	10/03/2014 14:35	32.41	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
201	10/03/2014 14:36	32.49	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
202	10/03/2014 14:37	32.56	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
203	10/03/2014 14:38	32.61	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
204	10/03/2014 14:39	32.65	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
205	10/03/2014 14:40	32.67	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
206	10/03/2014 14:41	32.70	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
207	10/03/2014 14:42	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
4th Quarter 2014

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
4th Quarter 2014

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
4th Quarter 2014

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
4th Quarter 2014

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
4th Quarter 2014

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
4th Quarter 2014

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
4th Quarter 2014

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
829	11/12/2014 23:15	11.03	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
830	11/12/2014 23:16	10.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
831	11/12/2014 23:17	10.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
832	11/12/2014 23:18	10.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
833	11/12/2014 23:19	10.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
834	11/26/2014 11:20	10.38	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Waste	Yes	Yes
835	11/26/2014 11:21	10.72	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
836	11/26/2014 11:22	10.75	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
837	11/26/2014 11:23	10.73	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
838	11/26/2014 11:24	10.72	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
839	11/26/2014 11:25	11.28	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
840	11/26/2014 11:26	12.03	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
841	11/26/2014 11:27	12.23	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
842	11/26/2014 11:28	12.24	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
843	11/26/2014 11:29	12.24	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
844	11/26/2014 11:30	12.23	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
845	11/26/2014 11:31	12.21	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
846	11/26/2014 11:32	12.20	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
847	11/26/2014 11:33	12.19	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
848	11/26/2014 11:34	12.18	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
849	11/26/2014 11:35	12.17	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
850	11/26/2014 11:36	12.16	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
851	11/26/2014 11:37	12.15	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
852	11/26/2014 11:38	12.14	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
853	11/26/2014 11:39	12.13	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
854	11/26/2014 11:40	12.13	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
855	11/26/2014 11:41	12.11	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
856	11/26/2014 11:42	12.11	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
857	11/26/2014 11:43	12.10	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
858	11/26/2014 11:44	12.09	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
859	11/26/2014 11:45	12.08	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
860	11/26/2014 11:46	12.07	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
861	11/26/2014 11:47	12.06	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
862	11/26/2014 11:48	12.04	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
863	11/26/2014 11:49	12.03	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
864	11/26/2014 11:50	12.02	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
865	11/26/2014 11:51	12.00	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
866	11/26/2014 11:52	11.99	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
867	11/26/2014 11:53	11.97	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
868	11/26/2014 11:54	11.96	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
869	11/26/2014 11:55	11.94	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
870	11/26/2014 11:56	11.92	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
871	11/26/2014 11:57	11.90	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
872	11/26/2014 11:58	11.88	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
873	11/26/2014 11:59	11.86	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
874	11/26/2014 12:00	11.85	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
875	11/26/2014 12:01	11.84	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
876	11/26/2014 12:02	11.83	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
877	11/26/2014 12:03	11.82	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
878	11/26/2014 12:04	11.80	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
879	11/26/2014 12:05	11.79	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
880	11/26/2014 12:06	11.78	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
881	11/26/2014 12:07	11.77	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
882	11/26/2014 12:08	11.75	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
883	11/26/2014 12:09	11.75	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
884	11/26/2014 12:10	11.74	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
885	11/26/2014 12:11	11.73	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
886	11/26/2014 12:12	11.72	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
887	11/26/2014 12:13	11.72	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
888	11/26/2014 12:14	11.71	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
889	11/26/2014 12:15	11.70	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
890	11/26/2014 12:16	11.70	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
891	11/26/2014 12:17	11.61	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
892	11/29/2014 14:40	12.97	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Waste	Yes	Yes
893	11/29/2014 14:41	14.63	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
894	11/29/2014 14:42	15.02	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
895	11/29/2014 14:43	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
896	11/29/2014 14:44	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
897	11/29/2014 14:45	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
4th Quarter 2014

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?	
1036	12/09/2014 19:43	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1037	12/09/2014 19:44	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1038	12/09/2014 19:45	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1039	12/09/2014 19:46	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1040	12/09/2014 19:47	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1041	12/09/2014 19:48	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1042	12/09/2014 19:49	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1043	12/09/2014 19:50	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1044	12/09/2014 19:51	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1045	12/09/2014 19:52	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1046	12/09/2014 19:53	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1047	12/09/2014 19:54	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1048	12/09/2014 19:55	13.96	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1049	12/09/2014 19:56	13.92	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1050	12/09/2014 19:57	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1051	12/09/2014 19:58	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1052	12/09/2014 19:59	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1053	12/09/2014 20:00	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1054	12/09/2014 20:01	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1055	12/09/2014 20:02	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1056	12/09/2014 20:03	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1057	12/09/2014 20:04	13.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1058	12/09/2014 20:05	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1059	12/09/2014 20:06	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1060	12/09/2014 20:07	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1061	12/09/2014 20:08	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1062	12/09/2014 20:09	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1063	12/09/2014 20:10	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1064	12/09/2014 20:11	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1065	12/09/2014 20:12	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1066	12/09/2014 20:13	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1067	12/09/2014 20:14	13.50	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1068	12/09/2014 20:15	13.06	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1069	12/09/2014 20:16	11.52	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes	
1070	12/17/2014 12:10	10.08	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Waste	Yes	Yes	
1071	12/17/2014 12:11	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes	
1072	12/17/2014 12:12	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes	
1073	12/17/2014 12:13	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes	
1074	12/17/2014 12:14	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes	
1075	12/17/2014 12:15	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes	
1076	12/17/2014 12:16	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes	
1077	12/17/2014 12:17	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes	
1078	12/17/2014 12:18	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes	
1079	12/20/2014 10:35	11.79	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes	
1080	12/20/2014 10:36	16.12	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1081	12/20/2014 10:37	17.63	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1082	12/20/2014 10:38	17.97	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1083	12/20/2014 10:39	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1084	12/20/2014 10:40	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1085	12/20/2014 10:41	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1086	12/20/2014 10:42	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1087	12/20/2014 10:43	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1088	12/20/2014 10:44	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1089	12/20/2014 10:45	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1090	12/20/2014 10:46	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1091	12/20/2014 10:47	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1092	12/20/2014 10:48	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1093	12/20/2014 10:49	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1094	12/20/2014 10:50	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1095	12/20/2014 10:51	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1096	12/20/2014 10:52	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1097	12/20/2014 10:53	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1098	12/20/2014 10:54	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1099	12/20/2014 10:55	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1100	12/20/2014 10:56	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1101	12/20/2014 10:57	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1102	12/20/2014 10:58	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1103	12/20/2014 10:59	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
1104	12/20/2014 11:00	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
4th Quarter 2014

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
4th Quarter 2014

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
		0	Total Minutes in Exceedance				
		0	Number of Events				

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
4th Quarter 2014

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Oct-14	06:47 AM	07:09 AM	22	Calibration Check	16-Nov-14	09:13 AM	09:35 AM	22	Calibration Check
02-Oct-14	06:32 AM	06:47 AM	15	Calibration Check	17-Nov-14	06:53 AM	07:07 AM	14	Calibration Check
03-Oct-14	07:31 AM	07:53 AM	22	Calibration Check	18-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
04-Oct-14	07:50 AM	08:12 AM	22	Calibration Check	19-Nov-14	06:38 AM	06:52 AM	14	Calibration Check
05-Oct-14	06:37 AM	06:59 AM	22	Calibration Check	20-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
06-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	21-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
07-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	22-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
08-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	23-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
09-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	24-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
10-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	25-Nov-14	06:29 AM	06:50 AM	21	Calibration Check
11-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	26-Nov-14	07:02 AM	07:24 AM	22	Calibration Check
12-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	27-Nov-14	06:35 AM	06:56 AM	21	Calibration Check
13-Oct-14	06:01 AM	06:23 AM	22	Calibration Check	28-Nov-14	07:49 AM	08:11 AM	22	Calibration Check
14-Oct-14	06:46 AM	07:08 AM	22	Calibration Check	29-Nov-14	07:23 AM	07:44 AM	21	Calibration Check
15-Oct-14	06:36 AM	06:58 AM	22	Calibration Check	30-Nov-14	06:30 AM	06:51 AM	21	Calibration Check
16-Oct-14	06:25 AM	06:46 AM	21	Calibration Check	01-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
17-Oct-14	06:36 AM	06:57 AM	21	Calibration Check	02-Dec-14	06:30 AM	06:52 AM	22	Calibration Check
18-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	03-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
19-Oct-14	06:35 AM	06:56 AM	21	Calibration Check	04-Dec-14	07:14 AM	07:29 AM	15	Calibration Check
20-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	05-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
21-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	06-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
22-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	07-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
23-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	08-Dec-14	07:13 AM	07:34 AM	21	Calibration Check
24-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	09-Dec-14	05:42 AM	06:03 AM	21	Calibration Check
25-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	10-Dec-14	05:49 AM	06:10 AM	21	Calibration Check
26-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	11-Dec-14	06:03 AM	06:25 AM	22	Calibration Check
27-Oct-14	06:14 AM	06:36 AM	22	Calibration Check	12-Dec-14	06:42 AM	07:03 AM	21	Calibration Check
28-Oct-14	06:39 AM	07:00 AM	21	Calibration Check	13-Dec-14	09:10 AM	09:32 AM	22	Calibration Check
29-Oct-14	06:37 AM	06:59 AM	22	Calibration Check	14-Dec-14	08:15 AM	08:37 AM	22	Calibration Check
30-Oct-14	06:51 AM	07:12 AM	21	Calibration Check	15-Dec-14	05:09 AM	05:31 AM	22	Calibration Check
31-Oct-14	06:48 AM	07:10 AM	22	Calibration Check	16-Dec-14	05:46 AM	06:08 AM	22	Calibration Check
01-Nov-14	06:13 AM	06:28 AM	15	Calibration Check	17-Dec-14	05:57 AM	06:18 AM	21	Calibration Check
02-Nov-14	06:20 AM	06:34 AM	14	Calibration Check	18-Dec-14	05:40 AM	06:01 AM	21	Calibration Check
03-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	19-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
04-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	20-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
05-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	21-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
06-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	22-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
07-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	23-Dec-14	07:21 AM	07:43 AM	22	Calibration Check
08-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	24-Dec-14	07:48 AM	08:09 AM	21	Calibration Check
09-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	24-Dec-14	08:16 AM	08:30 AM	14	Recalibration
10-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	25-Dec-14	11:56 AM	12:17 PM	21	Calibration Check
11-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	26-Dec-14	07:35 AM	07:56 AM	21	Calibration Check
12-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	27-Dec-14	09:41 AM	10:03 AM	22	Calibration Check
13-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	28-Dec-14	06:35 AM	06:56 AM	21	Calibration Check
14-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	29-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
15-Nov-14	08:16 AM	08:38 AM	22	Calibration Check	30-Dec-14	07:46 AM	07:54 AM	8	Calibration Check
					31-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
			Minutes					Minutes	
			958					930	
Total minutes for quality assurance:									
			Minutes						
			1888						

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Oct-14	07:17 AM	07:28 AM	11	Calibration Check	16-Nov-14	10:14 AM	10:25 AM	11	Calibration Check
02-Oct-14	06:17 AM	06:29 AM	12	Calibration Check	17-Nov-14	06:38 AM	06:49 AM	11	Calibration Check
03-Oct-14	08:01 AM	08:12 AM	11	Calibration Check	18-Nov-14	06:40 AM	06:51 AM	11	Calibration Check
04-Oct-14	08:24 AM	08:35 AM	11	Calibration Check	19-Nov-14	06:57 AM	07:08 AM	11	Calibration Check
05-Oct-14	07:23 AM	07:34 AM	11	Calibration Check	20-Nov-14	06:42 AM	06:53 AM	11	Calibration Check
06-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	21-Nov-14	07:28 AM	07:36 AM	8	Calibration Check
07-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	22-Nov-14	06:50 AM	06:58 AM	8	Calibration Check
08-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	23-Nov-14	06:50 AM	07:01 AM	11	Calibration Check
09-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	24-Nov-14	06:50 AM	07:01 AM	11	Calibration Check
10-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	25-Nov-14	06:55 AM	07:06 AM	11	Calibration Check
11-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	26-Nov-14	07:29 AM	07:40 AM	11	Calibration Check
12-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	27-Nov-14	07:00 AM	07:12 AM	12	Calibration Check
13-Oct-14	07:12 AM	07:23 AM	11	Calibration Check	28-Nov-14	08:20 AM	08:31 AM	11	Calibration Check
14-Oct-14	07:12 AM	07:23 AM	11	Calibration Check	29-Nov-14	08:09 AM	08:20 AM	11	Calibration Check
15-Oct-14	07:03 AM	07:14 AM	11	Calibration Check	30-Nov-14	06:57 AM	07:08 AM	11	Calibration Check
16-Oct-14	06:53 AM	07:04 AM	11	Calibration Check	01-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
17-Oct-14	07:03 AM	07:14 AM	11	Calibration Check	02-Dec-14	07:14 AM	07:25 AM	11	Calibration Check
18-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	03-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
19-Oct-14	07:02 AM	07:13 AM	11	Calibration Check	04-Dec-14	08:00 AM	08:11 AM	11	Calibration Check
20-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	05-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
21-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	06-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
22-Oct-14	06:58 AM	07:10 AM	12	Calibration Check	07-Dec-14	07:14 AM	07:22 AM	8	Calibration Check
23-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	08-Dec-14	08:26 AM	08:34 AM	8	Calibration Check
24-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	09-Dec-14	09:45 AM	09:53 AM	8	Calibration Check
25-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	10-Dec-14	06:52 AM	07:03 AM	11	Calibration Check
26-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	11-Dec-14	06:38 AM	06:49 AM	11	Calibration Check
27-Oct-14	06:41 AM	06:53 AM	12	Calibration Check	12-Dec-14	07:08 AM	07:19 AM	11	Calibration Check
28-Oct-14	07:04 AM	07:16 AM	12	Calibration Check	13-Dec-14	09:37 AM	09:48 AM	11	Calibration Check
29-Oct-14	07:04 AM	07:15 AM	11	Calibration Check	14-Dec-14	08:41 AM	08:52 AM	11	Calibration Check
30-Oct-14	07:16 AM	07:27 AM	11	Calibration Check	15-Dec-14	04:55 AM	05:06 AM	11	Calibration Check
31-Oct-14	06:29 AM	06:40 AM	11	Calibration Check	16-Dec-14	06:12 AM	06:23 AM	11	Calibration Check
01-Nov-14	05:51 AM	06:02 AM	11	Calibration Check	17-Dec-14	06:43 AM	06:51 AM	8	Calibration Check
02-Nov-14	06:58 AM	07:04 AM	6	Calibration Check	18-Dec-14	06:08 AM	06:16 AM	8	Calibration Check
03-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	19-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
04-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	20-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
05-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	21-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
06-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	22-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
07-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	23-Dec-14	07:47 AM	07:58 AM	11	Calibration Check
08-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	24-Dec-14	08:35 AM	08:46 AM	11	Calibration Check
09-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	25-Dec-14	12:22 PM	12:33 PM	11	Calibration Check
10-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	26-Dec-14	07:19 AM	07:30 AM	11	Calibration Check
11-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	27-Dec-14	09:27 AM	09:38 AM	11	Calibration Check
12-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	28-Dec-14	07:04 AM	07:15 AM	11	Calibration Check
13-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	29-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
14-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	30-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
15-Nov-14	08:42 AM	08:53 AM	11	Calibration Check	31-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
			Minutes					Minutes	
			505					486	
Total minutes for quality assurance:									
			Minutes						
			991						

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

THC Monitors
1 and # 2
Downtime

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation	Coincidence
WORK ON THIS ANALYZER				THC #1			
12/4/2014	7:35 AM	7:53 AM	18	Excessive Instrument Drift	Changed pump for second time first pump	On Hazardous Waste	
OUT OF CONTROL PERIODS							
12/23/2014	7:43 AM	-----	-----	-----	-----	-----	
12/24/2014	-----	8:30 AM	1487	OUT OF CONTROL PERIOD	N/A	On Hazardous Waste	
SYSTEM RECALIBRATIONS							
12/24/2014	8:16 AM	8:30 AM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste	
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
10/26/2014	8:00 PM	8:12 PM	12	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste	
11/2/2014	1:01 AM	1:12 AM	11	OTHER ANALYZER WORK DONE (SO2)	None	On Hazardous Waste	
11/3/2014	2:20 AM	2:32 AM	12	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste	
11/14/2014	10:00 PM	10:10 PM	10	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste	
11/21/2014	12:01 PM	12:11 PM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste	
12/2/2014	5:35 AM	5:40 AM	5	OTHER ANALYZER WORK DONE (Wet O2)	None - Checked well	On Hazardous Waste	
12/4/2014	7:05 AM	7:13 AM	8	OTHER ANALYZER WORK DONE (Nox)	Changed Pump	On Hazardous Waste	
12/27/2014	5:07 PM	5:30 PM	23	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste	
12/30/2014	7:34 AM	7:44 AM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste	
WORK ON THIS ANALYZER				THC #2			
10/25/2014	7:09 AM	7:15 AM	6	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste	
11/21/2014	7:10 AM	7:15 AM	5	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste	
12/7/2014	7:05 AM	7:11 AM	6	Checked for Drift	Manual Calibration	On Hazardous Waste	
OUT OF CONTROL PERIODS							
SYSTEM RECALIBRATIONS							
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
11/20/2014	10:36 AM	10:44 AM	8	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste	
				Other			
UNRECORDED TIME (MISSING MINUTES)							
TOTAL MINUTES IN QUARTER:					132,480		
TOTAL OPERATING TIME OF SOURCE:					130,653		
TOTAL DOWNTIME OF CEM SYSTEM:					0		
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0		
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,653		
SYSTEM AVAILABILITY					100.0%		

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

**THC Monitors
PM**

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Date	Duration	Activity	Analyzer
TOTAL			
		(e.g., blowback, manual adjustment to monitors, etc.)	
		No preventative maintenance had to be performed on monitors this quarter.	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Average Emission Limit Exceedances**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Cause	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
	0	Number of Events				
		Total Emissions for the Quarter				
	45206.66	(LBS)				
	22.60	(Tons)				

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
10/01/2014 00:00	17.39	
10/01/2014 03:00	19.59	
10/01/2014 06:00	14.73	
10/01/2014 09:00	13.64	
10/01/2014 12:00	12.75	
10/01/2014 15:00	15.71	
10/01/2014 18:00	22.34	
10/01/2014 21:00	23.44	
10/02/2014 00:00	18.33	
10/02/2014 03:00	24.60	
10/02/2014 06:00	23.44	
10/02/2014 09:00	21.86	
10/02/2014 12:00	21.17	
10/02/2014 15:00	19.71	
10/02/2014 18:00	19.19	
10/02/2014 21:00	22.61	
10/03/2014 00:00	22.24	
10/03/2014 03:00	21.62	
10/03/2014 06:00	21.63	
10/03/2014 09:00	20.49	
10/03/2014 12:00	21.65	
10/03/2014 15:00	15.89	
10/03/2014 18:00	19.28	
10/03/2014 21:00	22.05	
10/04/2014 00:00	22.00	
10/04/2014 03:00	23.31	
10/04/2014 06:00	23.41	
10/04/2014 09:00	24.61	
10/04/2014 12:00	24.11	
10/04/2014 15:00	23.45	
10/04/2014 18:00	23.65	
10/04/2014 21:00	17.60	
10/05/2014 00:00	20.34	
10/05/2014 03:00	20.41	
10/05/2014 06:00	18.96	
10/05/2014 09:00	20.95	
10/05/2014 12:00	22.03	
10/05/2014 15:00	22.76	
10/05/2014 18:00	23.04	
10/05/2014 21:00	18.19	
10/06/2014 00:00	19.86	
10/06/2014 03:00	19.18	
10/06/2014 06:00	20.53	
10/06/2014 09:00	18.47	
10/06/2014 12:00	20.05	
10/06/2014 15:00	20.28	
10/06/2014 18:00	18.11	
10/06/2014 21:00	14.12	
10/07/2014 00:00	15.16	
10/07/2014 03:00	15.31	
10/07/2014 06:00	15.95	
10/07/2014 09:00	14.82	
10/07/2014 12:00	16.24	
10/07/2014 15:00	17.46	
10/07/2014 18:00	17.38	
10/07/2014 21:00	18.18	
10/08/2014 00:00	21.59	
10/08/2014 03:00	16.90	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
10/08/2014 06:00	15.56	
10/08/2014 09:00	15.44	
10/08/2014 12:00	11.83	
10/08/2014 15:00	15.43	
10/08/2014 18:00	17.14	
10/08/2014 21:00	18.60	
10/09/2014 00:00	19.49	
10/09/2014 03:00	22.60	
10/09/2014 06:00	26.43	
10/09/2014 09:00	20.30	
10/09/2014 12:00	20.56	
10/09/2014 15:00	20.00	
10/09/2014 18:00	18.89	
10/09/2014 21:00	18.02	
10/10/2014 00:00	22.98	
10/10/2014 03:00	20.67	
10/10/2014 06:00	19.83	
10/10/2014 09:00	18.12	
10/10/2014 12:00	18.57	
10/10/2014 15:00	17.06	
10/10/2014 18:00	20.48	
10/10/2014 21:00	23.24	
10/11/2014 00:00	22.78	
10/11/2014 03:00	20.06	
10/11/2014 06:00	17.79	
10/11/2014 09:00	16.96	
10/11/2014 12:00	18.89	
10/11/2014 15:00	21.95	
10/11/2014 18:00	17.05	
10/11/2014 21:00	20.62	
10/12/2014 00:00	19.76	
10/12/2014 03:00	20.96	
10/12/2014 06:00	22.31	
10/12/2014 09:00	21.54	
10/12/2014 12:00	20.42	
10/12/2014 15:00	25.51	
10/12/2014 18:00	24.39	
10/12/2014 21:00	24.68	
10/13/2014 00:00	19.56	
10/13/2014 03:00	19.50	
10/13/2014 06:00	22.51	
10/13/2014 09:00	19.48	
10/13/2014 12:00	19.41	
10/13/2014 15:00	15.19	
10/13/2014 18:00	15.87	
10/13/2014 21:00	17.47	
10/14/2014 00:00	18.12	
10/14/2014 03:00	18.57	
10/14/2014 06:00	16.27	
10/14/2014 09:00	21.39	
10/14/2014 12:00	20.05	
10/14/2014 15:00	22.60	
10/14/2014 18:00	21.63	
10/14/2014 21:00	21.79	
10/15/2014 00:00	21.17	
10/15/2014 03:00	22.51	
10/15/2014 06:00	21.15	
10/15/2014 09:00	19.53	

Emissions Limits:
28.36 LBS/Hr
124.23 Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
10/15/2014 12:00	18.90	
10/15/2014 15:00	15.71	
10/15/2014 18:00	18.76	
10/15/2014 21:00	21.52	
10/16/2014 00:00	18.40	
10/16/2014 03:00	19.36	
10/16/2014 06:00	17.73	
10/16/2014 09:00	17.10	
10/16/2014 12:00	18.11	
10/16/2014 15:00	18.61	
10/16/2014 18:00	19.78	
10/16/2014 21:00	22.62	
10/17/2014 00:00	25.03	
10/17/2014 03:00	23.71	
10/17/2014 06:00	22.62	
10/17/2014 09:00	23.54	
10/17/2014 12:00	22.43	
10/17/2014 15:00	20.62	
10/17/2014 18:00	24.65	
10/17/2014 21:00	22.34	
10/18/2014 00:00	21.45	
10/18/2014 03:00	24.63	
10/18/2014 06:00	18.00	
10/18/2014 09:00	14.24	
10/18/2014 12:00	18.28	
10/18/2014 15:00	21.02	
10/18/2014 18:00	21.37	
10/18/2014 21:00	21.55	
10/19/2014 00:00	21.41	
10/19/2014 03:00	25.38	
10/19/2014 06:00	22.52	
10/19/2014 09:00	17.56	
10/19/2014 12:00	17.13	
10/19/2014 15:00	17.53	
10/19/2014 18:00	18.54	
10/19/2014 21:00	20.81	
10/20/2014 00:00	21.39	
10/20/2014 03:00	23.62	
10/20/2014 06:00	23.23	
10/20/2014 09:00	25.31	
10/20/2014 12:00	21.07	
10/20/2014 15:00	21.61	
10/20/2014 18:00	17.99	
10/20/2014 21:00	21.26	
10/21/2014 00:00	19.86	
10/21/2014 03:00	22.23	
10/21/2014 06:00	19.98	
10/21/2014 09:00	14.28	
10/21/2014 12:00	18.25	
10/21/2014 15:00	19.33	
10/21/2014 18:00	19.13	
10/21/2014 21:00	21.56	
10/22/2014 00:00	21.38	
10/22/2014 03:00	22.33	
10/22/2014 06:00	20.01	
10/22/2014 09:00	24.46	
10/22/2014 12:00	25.25	
10/22/2014 15:00	18.99	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
10/22/2014 18:00	16.01	
10/22/2014 21:00	17.19	
10/23/2014 00:00	23.62	
10/23/2014 03:00	23.50	
10/23/2014 06:00	23.46	
10/23/2014 09:00	22.99	
10/23/2014 12:00	18.78	
10/23/2014 15:00	18.03	
10/23/2014 18:00	18.21	
10/23/2014 21:00	20.29	
10/24/2014 00:00	19.83	
10/24/2014 03:00	22.06	
10/24/2014 06:00	20.42	
10/24/2014 09:00	17.40	
10/24/2014 12:00	19.02	
10/24/2014 15:00	23.65	
10/24/2014 18:00	24.64	
10/24/2014 21:00	18.28	
10/25/2014 00:00	20.79	
10/25/2014 03:00	22.41	
10/25/2014 06:00	23.70	
10/25/2014 09:00	24.25	
10/25/2014 12:00	22.45	
10/25/2014 15:00	22.49	
10/25/2014 18:00	23.05	
10/25/2014 21:00	23.58	
10/26/2014 00:00	23.28	
10/26/2014 03:00	17.26	
10/26/2014 06:00	17.87	
10/26/2014 09:00	19.19	
10/26/2014 12:00	17.41	
10/26/2014 15:00	15.92	
10/26/2014 18:00	23.44	
10/26/2014 21:00	22.87	
10/27/2014 00:00	19.76	
10/27/2014 03:00	19.44	
10/27/2014 06:00	23.23	
10/27/2014 09:00	22.75	
10/27/2014 12:00	24.05	
10/27/2014 15:00	21.54	
10/27/2014 18:00	21.08	
10/27/2014 21:00	23.81	
10/28/2014 00:00	21.84	
10/28/2014 03:00	23.80	
10/28/2014 06:00	24.84	
10/28/2014 09:00	22.72	
10/28/2014 12:00	21.32	
10/28/2014 15:00	23.50	
10/28/2014 18:00	22.76	
10/28/2014 21:00	23.65	
10/29/2014 00:00	24.51	
10/29/2014 03:00	23.91	
10/29/2014 06:00	21.97	
10/29/2014 09:00	20.57	
10/29/2014 12:00	20.06	
10/29/2014 15:00	18.25	
10/29/2014 18:00	23.68	
10/29/2014 21:00	25.08	

Emissions Limits:
28.36 LBS/Hr
124 23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
10/30/2014 00:00	23.41	
10/30/2014 03:00	23.94	
10/30/2014 06:00	22.50	
10/30/2014 09:00	21.71	
10/30/2014 12:00	20.50	
10/30/2014 15:00	20.25	
10/30/2014 18:00	23.06	
10/30/2014 21:00	24.59	
10/31/2014 00:00	23.26	
10/31/2014 03:00	23.75	
10/31/2014 06:00	22.27	
10/31/2014 09:00	19.69	
10/31/2014 12:00	19.50	
10/31/2014 15:00	19.76	
10/31/2014 18:00	19.76	
10/31/2014 21:00	24.41	
11/01/2014 00:00	22.48	
11/01/2014 03:00	20.54	
11/01/2014 06:00	22.35	
11/01/2014 09:00	21.36	
11/01/2014 12:00	21.67	
11/01/2014 15:00	21.48	
11/01/2014 18:00	20.84	
11/01/2014 21:00	21.35	
11/02/2014 00:00	24.35	
11/02/2014 03:00	24.54	
11/02/2014 06:00	24.87	
11/02/2014 09:00	22.99	
11/02/2014 12:00	20.43	
11/02/2014 15:00	19.72	
11/02/2014 18:00	24.53	
11/02/2014 21:00	22.51	
11/03/2014 00:00	24.55	
11/03/2014 03:00	24.94	
11/03/2014 06:00	25.40	
11/03/2014 09:00	23.08	
11/03/2014 12:00	22.42	
11/03/2014 15:00	20.77	
11/03/2014 18:00	24.13	
11/03/2014 21:00	23.19	
11/04/2014 00:00	19.32	
11/04/2014 03:00	14.96	
11/04/2014 06:00	20.50	
11/04/2014 09:00	16.48	
11/04/2014 12:00	16.43	
11/04/2014 15:00	18.34	
11/04/2014 18:00	21.96	
11/04/2014 21:00	22.89	
11/05/2014 00:00	19.85	
11/05/2014 03:00	20.34	
11/05/2014 06:00	22.54	
11/05/2014 09:00	20.60	
11/05/2014 12:00	18.54	
11/05/2014 15:00	20.95	
11/05/2014 18:00	21.02	
11/05/2014 21:00	18.90	
11/06/2014 00:00	21.66	
11/06/2014 03:00	17.44	

Emissions Limits:
28.36 LBS/Hr
124 23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
11/06/2014 06:00	18.67	
11/06/2014 09:00	18.80	
11/06/2014 12:00	17.92	
11/06/2014 15:00	16.17	
11/06/2014 18:00	20.28	
11/06/2014 21:00	23.49	
11/07/2014 00:00	23.33	
11/07/2014 03:00	19.98	
11/07/2014 06:00	21.37	
11/07/2014 09:00	21.81	
11/07/2014 12:00	18.84	
11/07/2014 15:00	16.40	
11/07/2014 18:00	14.30	
11/07/2014 21:00	18.30	
11/08/2014 00:00	22.80	
11/08/2014 03:00	23.90	
11/08/2014 06:00	21.05	
11/08/2014 09:00	22.59	
11/08/2014 12:00	22.17	
11/08/2014 15:00	23.25	
11/08/2014 18:00	22.15	
11/08/2014 21:00	22.09	
11/09/2014 00:00	18.77	
11/09/2014 03:00	20.70	
11/09/2014 06:00	20.18	
11/09/2014 09:00	19.26	
11/09/2014 12:00	17.97	
11/09/2014 15:00	22.24	
11/09/2014 18:00	21.99	
11/09/2014 21:00	22.50	
11/10/2014 00:00	23.19	
11/10/2014 03:00	22.03	
11/10/2014 06:00	21.52	
11/10/2014 09:00	18.60	
11/10/2014 12:00	20.02	
11/10/2014 15:00	21.98	
11/10/2014 18:00	19.90	
11/10/2014 21:00	18.49	
11/11/2014 00:00	22.40	
11/11/2014 03:00	23.71	
11/11/2014 06:00	22.90	
11/11/2014 09:00	14.80	
11/11/2014 12:00	20.24	
11/11/2014 15:00	20.60	
11/11/2014 18:00	21.54	
11/11/2014 21:00	19.49	
11/12/2014 00:00	16.82	
11/12/2014 03:00	15.31	
11/12/2014 06:00	18.77	
11/12/2014 09:00	17.67	
11/12/2014 12:00	18.10	
11/12/2014 15:00	24.55	
11/12/2014 18:00	24.38	
11/12/2014 21:00	23.55	
11/13/2014 00:00	19.45	
11/13/2014 03:00	24.25	
11/13/2014 06:00	19.29	
11/13/2014 09:00	20.00	

**NOx
Excess Emissions Report
3-Hour Block Averages**

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
11/13/2014 12:00	19.69	
11/13/2014 15:00	15.29	
11/13/2014 18:00	19.83	
11/13/2014 21:00	21.47	
11/14/2014 00:00	23.77	
11/14/2014 03:00	22.39	
11/14/2014 06:00	18.86	
11/14/2014 09:00	17.46	
11/14/2014 12:00	17.15	
11/14/2014 15:00	20.93	
11/14/2014 18:00	22.54	
11/14/2014 21:00	23.82	
11/15/2014 00:00	24.30	
11/15/2014 03:00	24.98	
11/15/2014 06:00	21.29	
11/15/2014 09:00	23.84	
11/15/2014 12:00	21.56	
11/15/2014 15:00	22.87	
11/15/2014 18:00	21.15	
11/15/2014 21:00	17.82	
11/16/2014 00:00	19.68	
11/16/2014 03:00	19.72	
11/16/2014 06:00	18.57	
11/16/2014 09:00	17.21	
11/16/2014 12:00	15.07	
11/16/2014 15:00	18.73	
11/16/2014 18:00	13.26	
11/16/2014 21:00	15.13	
11/17/2014 00:00	20.45	
11/17/2014 03:00	18.13	
11/17/2014 06:00	22.13	
11/17/2014 09:00	22.19	
11/17/2014 12:00	14.54	
11/17/2014 15:00	20.78	
11/17/2014 18:00	24.59	
11/17/2014 21:00	25.53	
11/18/2014 00:00	26.37	
11/18/2014 03:00	24.76	
11/18/2014 06:00	23.61	
11/18/2014 09:00	24.85	
11/18/2014 12:00	23.08	
11/18/2014 15:00	23.27	
11/18/2014 18:00	25.68	
11/18/2014 21:00	24.15	
11/19/2014 00:00	22.31	
11/19/2014 03:00	14.58	
11/19/2014 06:00	21.59	
11/19/2014 09:00	22.11	
11/19/2014 12:00	23.47	
11/19/2014 15:00	23.69	
11/19/2014 18:00	24.27	
11/19/2014 21:00	21.57	
11/20/2014 00:00	23.97	
11/20/2014 03:00	23.75	
11/20/2014 06:00	24.60	
11/20/2014 09:00	23.31	
11/20/2014 12:00	21.74	
11/20/2014 15:00	18.40	

Emissions Limits:
28.36 LBS/Hr
124.23 Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
11/20/2014 18:00	19.95	
11/20/2014 21:00	21.78	
11/21/2014 00:00	16.03	
11/21/2014 03:00	18.60	
11/21/2014 06:00	19.13	
11/21/2014 09:00	17.32	
11/21/2014 12:00	18.15	
11/21/2014 15:00	18.43	
11/21/2014 18:00	18.87	
11/21/2014 21:00	18.88	
11/22/2014 00:00	20.46	
11/22/2014 03:00	21.60	
11/22/2014 06:00	20.15	
11/22/2014 09:00	20.11	
11/22/2014 12:00	17.48	
11/22/2014 15:00	20.04	
11/22/2014 18:00	20.17	
11/22/2014 21:00	22.94	
11/23/2014 00:00	22.61	
11/23/2014 03:00	22.21	
11/23/2014 06:00	21.35	
11/23/2014 09:00	20.04	
11/23/2014 12:00	21.59	
11/23/2014 15:00	23.30	
11/23/2014 18:00	20.36	
11/23/2014 21:00	19.96	
11/24/2014 00:00	21.01	
11/24/2014 03:00	19.25	
11/24/2014 06:00	19.35	
11/24/2014 09:00	19.22	
11/24/2014 12:00	18.71	
11/24/2014 15:00	21.33	
11/24/2014 18:00	20.95	
11/24/2014 21:00	20.55	
11/25/2014 00:00	22.22	
11/25/2014 03:00	22.20	
11/25/2014 06:00	24.96	
11/25/2014 09:00	22.90	
11/25/2014 12:00	23.61	
11/25/2014 15:00	22.32	
11/25/2014 18:00	24.22	
11/25/2014 21:00	24.65	
11/26/2014 00:00	23.36	
11/26/2014 03:00	22.82	
11/26/2014 06:00	23.99	
11/26/2014 09:00	23.26	
11/26/2014 12:00	22.55	
11/26/2014 15:00	22.74	
11/26/2014 18:00	24.63	
11/26/2014 21:00	25.46	
11/27/2014 00:00	23.33	
11/27/2014 03:00	20.50	
11/27/2014 06:00	21.01	
11/27/2014 09:00	19.59	
11/27/2014 12:00	15.72	
11/27/2014 15:00	16.87	
11/27/2014 18:00	20.74	
11/27/2014 21:00	23.58	

Emissions Limits:
28.36 LBS/Hr
124.23 Tons /Year

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
11/28/2014 00:00	23.49	
11/28/2014 03:00	22.10	
11/28/2014 06:00	22.26	
11/28/2014 09:00	21.64	
11/28/2014 12:00	21.53	
11/28/2014 15:00	17.30	
11/28/2014 18:00	23.07	
11/28/2014 21:00	22.90	
11/29/2014 00:00	24.34	
11/29/2014 03:00	24.49	
11/29/2014 06:00	23.11	
11/29/2014 09:00	19.64	
11/29/2014 12:00	19.85	
11/29/2014 15:00	19.03	
11/29/2014 18:00	16.32	
11/29/2014 21:00	18.94	
11/30/2014 00:00	21.47	
11/30/2014 03:00	19.07	
11/30/2014 06:00	10.99	
11/30/2014 09:00	0.07	
11/30/2014 12:00	0.14	
11/30/2014 15:00	0.17	
11/30/2014 18:00	0.16	
11/30/2014 21:00	0.15	
12/01/2014 00:00	0.17	
12/01/2014 03:00	0.17	
12/01/2014 06:00	0.13	
12/01/2014 09:00	0.11	
12/01/2014 12:00	0.82	
12/01/2014 15:00	3.15	
12/01/2014 18:00	1.88	
12/01/2014 21:00	4.60	
12/02/2014 00:00	8.94	
12/02/2014 03:00	15.75	
12/02/2014 06:00	15.68	
12/02/2014 09:00	15.07	
12/02/2014 12:00	14.18	
12/02/2014 15:00	14.52	
12/02/2014 18:00	18.44	
12/02/2014 21:00	16.14	
12/03/2014 00:00	14.61	
12/03/2014 03:00	16.40	
12/03/2014 06:00	17.58	
12/03/2014 09:00	21.57	
12/03/2014 12:00	20.89	
12/03/2014 15:00	21.95	
12/03/2014 18:00	20.31	
12/03/2014 21:00	22.12	
12/04/2014 00:00	19.42	
12/04/2014 03:00	20.39	
12/04/2014 06:00	21.90	
12/04/2014 09:00	18.32	
12/04/2014 12:00	18.96	
12/04/2014 15:00	14.31	
12/04/2014 18:00	17.62	
12/04/2014 21:00	18.45	
12/05/2014 00:00	17.86	
12/05/2014 03:00	18.30	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
12/05/2014 06:00	15.51	
12/05/2014 09:00	16.38	
12/05/2014 12:00	14.39	
12/05/2014 15:00	18.73	
12/05/2014 18:00	24.02	
12/05/2014 21:00	24.82	
12/06/2014 00:00	23.79	
12/06/2014 03:00	21.03	
12/06/2014 06:00	23.06	
12/06/2014 09:00	26.41	
12/06/2014 12:00	19.70	
12/06/2014 15:00	22.46	
12/06/2014 18:00	23.57	
12/06/2014 21:00	22.70	
12/07/2014 00:00	21.98	
12/07/2014 03:00	21.91	
12/07/2014 06:00	22.61	
12/07/2014 09:00	19.60	
12/07/2014 12:00	19.77	
12/07/2014 15:00	23.16	
12/07/2014 18:00	24.38	
12/07/2014 21:00	21.82	
12/08/2014 00:00	18.71	
12/08/2014 03:00	21.59	
12/08/2014 06:00	21.56	
12/08/2014 09:00	21.76	
12/08/2014 12:00	19.25	
12/08/2014 15:00	17.42	
12/08/2014 18:00	20.76	
12/08/2014 21:00	21.94	
12/09/2014 00:00	21.19	
12/09/2014 03:00	19.17	
12/09/2014 06:00	20.07	
12/09/2014 09:00	19.75	
12/09/2014 12:00	21.57	
12/09/2014 15:00	21.41	
12/09/2014 18:00	22.73	
12/09/2014 21:00	19.98	
12/10/2014 00:00	21.81	
12/10/2014 03:00	21.62	
12/10/2014 06:00	21.07	
12/10/2014 09:00	19.77	
12/10/2014 12:00	18.82	
12/10/2014 15:00	20.10	
12/10/2014 18:00	21.76	
12/10/2014 21:00	19.77	
12/11/2014 00:00	21.02	
12/11/2014 03:00	24.34	
12/11/2014 06:00	20.31	
12/11/2014 09:00	23.75	
12/11/2014 12:00	22.22	
12/11/2014 15:00	24.30	
12/11/2014 18:00	22.00	
12/11/2014 21:00	21.70	
12/12/2014 00:00	19.36	
12/12/2014 03:00	21.15	
12/12/2014 06:00	21.69	
12/12/2014 09:00	17.83	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
12/12/2014 12:00	15.89	
12/12/2014 15:00	14.96	
12/12/2014 18:00	18.24	
12/12/2014 21:00	21.83	
12/13/2014 00:00	21.70	
12/13/2014 03:00	21.26	
12/13/2014 06:00	21.99	
12/13/2014 09:00	22.41	
12/13/2014 12:00	23.86	
12/13/2014 15:00	20.81	
12/13/2014 18:00	21.47	
12/13/2014 21:00	22.95	
12/14/2014 00:00	23.61	
12/14/2014 03:00	21.66	
12/14/2014 06:00	20.48	
12/14/2014 09:00	17.10	
12/14/2014 12:00	15.77	
12/14/2014 15:00	15.09	
12/14/2014 18:00	16.09	
12/14/2014 21:00	18.59	
12/15/2014 00:00	19.36	
12/15/2014 03:00	19.61	
12/15/2014 06:00	18.76	
12/15/2014 09:00	20.07	
12/15/2014 12:00	21.24	
12/15/2014 15:00	23.29	
12/15/2014 18:00	22.17	
12/15/2014 21:00	19.15	
12/16/2014 00:00	19.44	
12/16/2014 03:00	18.68	
12/16/2014 06:00	18.32	
12/16/2014 09:00	17.69	
12/16/2014 12:00	16.70	
12/16/2014 15:00	18.99	
12/16/2014 18:00	19.99	
12/16/2014 21:00	21.71	
12/17/2014 00:00	22.84	
12/17/2014 03:00	23.42	
12/17/2014 06:00	24.24	
12/17/2014 09:00	22.53	
12/17/2014 12:00	21.15	
12/17/2014 15:00	16.17	
12/17/2014 18:00	22.40	
12/17/2014 21:00	24.85	
12/18/2014 00:00	24.51	
12/18/2014 03:00	23.99	
12/18/2014 06:00	24.63	
12/18/2014 09:00	26.55	
12/18/2014 12:00	20.34	
12/18/2014 15:00	21.50	
12/18/2014 18:00	22.21	
12/18/2014 21:00	21.45	
12/19/2014 00:00	20.51	
12/19/2014 03:00	20.23	
12/19/2014 06:00	19.02	
12/19/2014 09:00	17.76	
12/19/2014 12:00	15.76	
12/19/2014 15:00	16.94	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
12/19/2014 18:00	21.15	
12/19/2014 21:00	20.61	
12/20/2014 00:00	22.32	
12/20/2014 03:00	22.50	
12/20/2014 06:00	23.20	
12/20/2014 09:00	21.35	
12/20/2014 12:00	21.34	
12/20/2014 15:00	23.46	
12/20/2014 18:00	22.82	
12/20/2014 21:00	21.80	
12/21/2014 00:00	21.93	
12/21/2014 03:00	23.01	
12/21/2014 06:00	24.12	
12/21/2014 09:00	21.19	
12/21/2014 12:00	20.53	
12/21/2014 15:00	22.86	
12/21/2014 18:00	22.39	
12/21/2014 21:00	23.23	
12/22/2014 00:00	24.62	
12/22/2014 03:00	26.07	
12/22/2014 06:00	26.23	
12/22/2014 09:00	22.50	
12/22/2014 12:00	21.69	
12/22/2014 15:00	24.11	
12/22/2014 18:00	23.50	
12/22/2014 21:00	20.99	
12/23/2014 00:00	21.57	
12/23/2014 03:00	20.30	
12/23/2014 06:00	23.72	
12/23/2014 09:00	22.99	
12/23/2014 12:00	25.01	
12/23/2014 15:00	23.02	
12/23/2014 18:00	22.25	
12/23/2014 21:00	22.28	
12/24/2014 00:00	23.11	
12/24/2014 03:00	20.85	
12/24/2014 06:00	21.73	
12/24/2014 09:00	21.79	
12/24/2014 12:00	18.07	
12/24/2014 15:00	18.15	
12/24/2014 18:00	21.46	
12/24/2014 21:00	24.34	
12/25/2014 00:00	23.91	
12/25/2014 03:00	25.88	
12/25/2014 06:00	25.91	
12/25/2014 09:00	24.76	
12/25/2014 12:00	23.71	
12/25/2014 15:00	23.63	
12/25/2014 18:00	22.76	
12/25/2014 21:00	22.27	
12/26/2014 00:00	24.74	
12/26/2014 03:00	23.55	
12/26/2014 06:00	24.99	
12/26/2014 09:00	24.10	
12/26/2014 12:00	22.82	
12/26/2014 15:00	18.50	
12/26/2014 18:00	22.81	
12/26/2014 21:00	25.21	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
12/27/2014 00:00	23.23	
12/27/2014 03:00	24.15	
12/27/2014 06:00	20.90	
12/27/2014 09:00	22.70	
12/27/2014 12:00	23.68	
12/27/2014 15:00	20.49	
12/27/2014 18:00	21.23	
12/27/2014 21:00	19.35	
12/28/2014 00:00	20.98	
12/28/2014 03:00	20.88	
12/28/2014 06:00	17.92	
12/28/2014 09:00	15.68	
12/28/2014 12:00	16.25	
12/28/2014 15:00	16.84	
12/28/2014 18:00	18.12	
12/28/2014 21:00	20.42	
12/29/2014 00:00	16.81	
12/29/2014 03:00	17.95	
12/29/2014 06:00	19.45	
12/29/2014 09:00	14.88	
12/29/2014 12:00	13.89	
12/29/2014 15:00	21.63	
12/29/2014 18:00	24.42	
12/29/2014 21:00	25.41	
12/30/2014 00:00	22.32	
12/30/2014 03:00	22.79	
12/30/2014 06:00	24.10	
12/30/2014 09:00	17.07	
12/30/2014 12:00	18.50	
12/30/2014 15:00	17.51	
12/30/2014 18:00	22.64	
12/30/2014 21:00	24.23	
12/31/2014 00:00	23.41	
12/31/2014 03:00	24.01	
12/31/2014 06:00	24.78	
12/31/2014 09:00	21.15	
12/31/2014 12:00	19.89	
12/31/2014 15:00	24.69	
12/31/2014 18:00	24.44	
12/31/2014 21:00	24.05	
	0	Number of Events
		Total Emissions for the Quarter
	45206.66	(LBS)
	22.60	(Tons)

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Oct-14	06:47 AM	07:09 AM	22	Calibration Check	16-Nov-14	09:13 AM	09:35 AM	22	Calibration Check
02-Oct-14	06:32 AM	06:47 AM	15	Calibration Check	17-Nov-14	06:53 AM	07:07 AM	14	Calibration Check
03-Oct-14	07:31 AM	07:53 AM	22	Calibration Check	18-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
04-Oct-14	07:50 AM	08:12 AM	22	Calibration Check	19-Nov-14	06:38 AM	06:52 AM	14	Calibration Check
05-Oct-14	06:37 AM	06:59 AM	22	Calibration Check	20-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
06-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	21-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
07-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	22-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
08-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	23-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
09-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	24-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
10-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	25-Nov-14	06:29 AM	06:50 AM	21	Calibration Check
11-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	26-Nov-14	07:02 AM	07:24 AM	22	Calibration Check
12-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	27-Nov-14	06:35 AM	06:56 AM	21	Calibration Check
13-Oct-14	06:01 AM	06:23 AM	22	Calibration Check	28-Nov-14	07:49 AM	08:11 AM	22	Calibration Check
14-Oct-14	06:46 AM	07:08 AM	22	Calibration Check	29-Nov-14	07:23 AM	07:44 AM	21	Calibration Check
15-Oct-14	06:36 AM	06:58 AM	22	Calibration Check	30-Nov-14	06:30 AM	06:51 AM	21	Calibration Check
16-Oct-14	06:25 AM	06:46 AM	21	Calibration Check	01-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
17-Oct-14	06:36 AM	06:57 AM	21	Calibration Check	02-Dec-14	06:30 AM	06:52 AM	22	Calibration Check
18-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	03-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
19-Oct-14	06:35 AM	06:56 AM	21	Calibration Check	04-Dec-14	07:14 AM	07:29 AM	15	Calibration Check
20-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	05-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
21-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	06-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
22-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	07-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
23-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	08-Dec-14	07:13 AM	07:34 AM	21	Calibration Check
24-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	09-Dec-14	05:42 AM	06:03 AM	21	Calibration Check
25-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	10-Dec-14	05:49 AM	06:10 AM	21	Calibration Check
26-Oct-14	06:20 AM	06:41 AM	21	Calibration Check	11-Dec-14	06:03 AM	06:25 AM	22	Calibration Check
27-Oct-14	06:14 AM	06:36 AM	22	Calibration Check	12-Dec-14	06:42 AM	07:03 AM	21	Calibration Check
28-Oct-14	06:39 AM	07:00 AM	21	Calibration Check	13-Dec-14	09:10 AM	09:32 AM	22	Calibration Check
29-Oct-14	06:37 AM	06:59 AM	22	Calibration Check	14-Dec-14	08:15 AM	08:37 AM	22	Calibration Check
30-Oct-14	06:51 AM	07:12 AM	21	Calibration Check	15-Dec-14	05:09 AM	05:31 AM	22	Calibration Check
31-Oct-14	06:48 AM	07:10 AM	22	Calibration Check	16-Dec-14	05:46 AM	06:08 AM	22	Calibration Check
01-Nov-14	06:13 AM	06:28 AM	15	Calibration Check	17-Dec-14	05:57 AM	06:18 AM	21	Calibration Check
02-Nov-14	06:20 AM	06:34 AM	14	Calibration Check	18-Dec-14	05:40 AM	06:01 AM	21	Calibration Check
03-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	19-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
04-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	20-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
05-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	21-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
06-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	22-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
07-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	23-Dec-14	07:21 AM	07:43 AM	22	Calibration Check
08-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	24-Dec-14	07:48 AM	08:09 AM	21	Calibration Check
09-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	24-Dec-14	08:16 AM	08:30 AM	14	Recalibration
10-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	25-Dec-14	11:56 AM	12:17 PM	21	Calibration Check
11-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	26-Dec-14	07:35 AM	07:56 AM	21	Calibration Check
12-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	27-Dec-14	09:41 AM	10:03 AM	22	Calibration Check
13-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	28-Dec-14	06:35 AM	06:56 AM	21	Calibration Check
14-Nov-14	06:20 AM	06:41 AM	21	Calibration Check	29-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
15-Nov-14	08:16 AM	08:38 AM	22	Calibration Check	30-Dec-14	07:46 AM	07:54 AM	8	Calibration Check
					31-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
			Minutes					Minutes	
			958					930	
Total minutes for quality assurance:									
			Minutes						
			1888						

**NOX Monitor
Downtime**

California Analytical Instruments
Model: 600-CLD
SN: U12052

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
12/4/2014	7:05 AM	7:13 AM	8	Checking Analyzer	Changed Pump	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
12/24/2014	8:16 AM	8:30 AM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
10/26/2014	8:00 PM	8:12 PM	12	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste
11/2/2014	1:01 AM	1:12 AM	11	OTHER ANALYZER WORK DONE (SO2)	None	On Hazardous Waste
11/3/2014	2:20 AM	2:32 AM	12	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste
11/14/2014	10:00 PM	10:10 PM	10	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste
11/21/2014	12:01 PM	12:11 PM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste
12/2/2014	5:35 AM	5:40 AM	5	OTHER ANALYZER WORK DONE (Wet O2)	None - Checked well	On Hazardous Waste
12/4/2014	7:35 AM	7:53 AM	18	OTHER ANALYZER WORK DONE (THC #1)	ged pump for second time first pur	On Hazardous Waste
12/27/2014	5:07 PM	5:30 PM	23	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste
12/30/2014	7:34 AM	7:44 AM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					130,653	
TOTAL DOWNTIME OF CEM SYSTEM:					133	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					133	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,520	
SYSTEM AVAILABILITY					99.9%	

**NOX Monitor
Preventative
Maintenance**

California Analytical Instruments
Model: 600-CLD
SN: U12052

Date	Duration	Activity
TOTAL		
(e.g., blowback, manual adjustment to monitors, etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Average Exceedances

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Cause	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?

0	Number of Events
3090.21	(LBS)
1.55	(Tons)

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
10/01/2014 00:00	0.00	
10/01/2014 03:00	0.00	
10/01/2014 06:00	0.00	
10/01/2014 09:00	0.12	
10/01/2014 12:00	0.34	
10/01/2014 15:00	3.22	
10/01/2014 18:00	1.29	
10/01/2014 21:00	0.40	
10/02/2014 00:00	0.17	
10/02/2014 03:00	0.21	
10/02/2014 06:00	0.21	
10/02/2014 09:00	0.23	
10/02/2014 12:00	0.67	
10/02/2014 15:00	1.51	
10/02/2014 18:00	3.19	
10/02/2014 21:00	2.29	
10/03/2014 00:00	1.09	
10/03/2014 03:00	0.83	
10/03/2014 06:00	0.30	
10/03/2014 09:00	0.42	
10/03/2014 12:00	4.28	
10/03/2014 15:00	7.21	
10/03/2014 18:00	3.05	
10/03/2014 21:00	0.44	
10/04/2014 00:00	0.68	
10/04/2014 03:00	0.53	
10/04/2014 06:00	0.25	
10/04/2014 09:00	0.30	
10/04/2014 12:00	0.35	
10/04/2014 15:00	0.48	
10/04/2014 18:00	0.81	
10/04/2014 21:00	0.72	
10/05/2014 00:00	0.15	
10/05/2014 03:00	0.18	
10/05/2014 06:00	3.06	
10/05/2014 09:00	5.33	
10/05/2014 12:00	4.58	
10/05/2014 15:00	4.93	
10/05/2014 18:00	5.39	
10/05/2014 21:00	4.78	
10/06/2014 00:00	4.11	
10/06/2014 03:00	4.23	
10/06/2014 06:00	7.16	
10/06/2014 09:00	8.87	
10/06/2014 12:00	9.91	
10/06/2014 15:00	3.96	
10/06/2014 18:00	0.60	
10/06/2014 21:00	6.05	
10/07/2014 00:00	6.03	
10/07/2014 03:00	5.64	
10/07/2014 06:00	2.46	
10/07/2014 09:00	4.83	
10/07/2014 12:00	2.63	
10/07/2014 15:00	0.00	
10/07/2014 18:00	0.02	
10/07/2014 21:00	0.48	
10/08/2014 00:00	1.96	
10/08/2014 03:00	4.80	
10/08/2014 06:00	3.49	
10/08/2014 09:00	3.55	
10/08/2014 12:00	3.34	
10/08/2014 15:00	0.01	
10/08/2014 18:00	0.59	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
10/08/2014 21:00	1.11	
10/09/2014 00:00	3.54	
10/09/2014 03:00	5.03	
10/09/2014 06:00	5.02	
10/09/2014 09:00	3.15	
10/09/2014 12:00	1.92	
10/09/2014 15:00	0.41	
10/09/2014 18:00	0.46	
10/09/2014 21:00	2.43	
10/10/2014 00:00	3.19	
10/10/2014 03:00	6.28	
10/10/2014 06:00	6.56	
10/10/2014 09:00	0.27	
10/10/2014 12:00	0.01	
10/10/2014 15:00	3.23	
10/10/2014 18:00	5.37	
10/10/2014 21:00	3.40	
10/11/2014 00:00	0.51	
10/11/2014 03:00	0.20	
10/11/2014 06:00	3.73	
10/11/2014 09:00	4.42	
10/11/2014 12:00	5.07	
10/11/2014 15:00	0.20	
10/11/2014 18:00	1.95	
10/11/2014 21:00	2.54	
10/12/2014 00:00	4.93	
10/12/2014 03:00	0.54	
10/12/2014 06:00	0.40	
10/12/2014 09:00	2.91	
10/12/2014 12:00	1.90	
10/12/2014 15:00	2.26	
10/12/2014 18:00	1.77	
10/12/2014 21:00	2.11	
10/13/2014 00:00	1.09	
10/13/2014 03:00	0.51	
10/13/2014 06:00	5.70	
10/13/2014 09:00	2.38	
10/13/2014 12:00	1.43	
10/13/2014 15:00	0.00	
10/13/2014 18:00	0.65	
10/13/2014 21:00	2.19	
10/14/2014 00:00	0.74	
10/14/2014 03:00	0.70	
10/14/2014 06:00	0.85	
10/14/2014 09:00	0.71	
10/14/2014 12:00	1.64	
10/14/2014 15:00	2.17	
10/14/2014 18:00	3.73	
10/14/2014 21:00	2.09	
10/15/2014 00:00	3.13	
10/15/2014 03:00	0.16	
10/15/2014 06:00	2.87	
10/15/2014 09:00	2.07	
10/15/2014 12:00	0.08	
10/15/2014 15:00	2.02	
10/15/2014 18:00	2.06	
10/15/2014 21:00	1.41	
10/16/2014 00:00	0.58	
10/16/2014 03:00	0.50	
10/16/2014 06:00	0.21	
10/16/2014 09:00	0.11	
10/16/2014 12:00	0.01	
10/16/2014 15:00	4.79	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

**SOX
Excess Emissions Report
3-Hour Block Averages**

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
10/16/2014 18:00	0.65	
10/16/2014 21:00	0.70	
10/17/2014 00:00	2.28	
10/17/2014 03:00	0.27	
10/17/2014 06:00	0.72	
10/17/2014 09:00	2.76	
10/17/2014 12:00	1.45	
10/17/2014 15:00	2.62	
10/17/2014 18:00	2.85	
10/17/2014 21:00	4.02	
10/18/2014 00:00	6.18	
10/18/2014 03:00	0.91	
10/18/2014 06:00	0.05	
10/18/2014 09:00	0.10	
10/18/2014 12:00	0.02	
10/18/2014 15:00	2.15	
10/18/2014 18:00	2.66	
10/18/2014 21:00	4.47	
10/19/2014 00:00	0.33	
10/19/2014 03:00	1.96	
10/19/2014 06:00	4.66	
10/19/2014 09:00	2.00	
10/19/2014 12:00	2.55	
10/19/2014 15:00	0.00	
10/19/2014 18:00	0.00	
10/19/2014 21:00	0.00	
10/20/2014 00:00	0.00	
10/20/2014 03:00	0.00	
10/20/2014 06:00	6.29	
10/20/2014 09:00	7.49	
10/20/2014 12:00	1.28	
10/20/2014 15:00	0.01	
10/20/2014 18:00	1.48	
10/20/2014 21:00	2.38	
10/21/2014 00:00	0.00	
10/21/2014 03:00	1.36	
10/21/2014 06:00	5.43	
10/21/2014 09:00	0.74	
10/21/2014 12:00	2.71	
10/21/2014 15:00	2.32	
10/21/2014 18:00	0.16	
10/21/2014 21:00	1.76	
10/22/2014 00:00	1.89	
10/22/2014 03:00	2.24	
10/22/2014 06:00	0.53	
10/22/2014 09:00	0.22	
10/22/2014 12:00	0.05	
10/22/2014 15:00	1.46	
10/22/2014 18:00	0.33	
10/22/2014 21:00	1.43	
10/23/2014 00:00	0.20	
10/23/2014 03:00	1.17	
10/23/2014 06:00	1.43	
10/23/2014 09:00	1.67	
10/23/2014 12:00	0.49	
10/23/2014 15:00	0.42	
10/23/2014 18:00	0.31	
10/23/2014 21:00	0.00	
10/24/2014 00:00	0.01	
10/24/2014 03:00	1.59	
10/24/2014 06:00	0.86	
10/24/2014 09:00	4.17	
10/24/2014 12:00	4.27	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
10/24/2014 15:00	0.51	
10/24/2014 18:00	0.00	
10/24/2014 21:00	1.31	
10/25/2014 00:00	1.00	
10/25/2014 03:00	2.33	
10/25/2014 06:00	6.76	
10/25/2014 09:00	8.86	
10/25/2014 12:00	5.13	
10/25/2014 15:00	0.83	
10/25/2014 18:00	1.23	
10/25/2014 21:00	0.89	
10/26/2014 00:00	0.00	
10/26/2014 03:00	0.00	
10/26/2014 06:00	0.00	
10/26/2014 09:00	0.03	
10/26/2014 12:00	0.00	
10/26/2014 15:00	0.03	
10/26/2014 18:00	7.67	
10/26/2014 21:00	0.39	
10/27/2014 00:00	0.15	
10/27/2014 03:00	0.11	
10/27/2014 06:00	0.65	
10/27/2014 09:00	1.61	
10/27/2014 12:00	2.82	
10/27/2014 15:00	2.44	
10/27/2014 18:00	1.05	
10/27/2014 21:00	0.66	
10/28/2014 00:00	0.27	
10/28/2014 03:00	1.47	
10/28/2014 06:00	4.08	
10/28/2014 09:00	2.12	
10/28/2014 12:00	2.94	
10/28/2014 15:00	0.79	
10/28/2014 18:00	0.18	
10/28/2014 21:00	0.88	
10/29/2014 00:00	0.20	
10/29/2014 03:00	0.17	
10/29/2014 06:00	1.45	
10/29/2014 09:00	1.79	
10/29/2014 12:00	0.92	
10/29/2014 15:00	4.15	
10/29/2014 18:00	4.88	
10/29/2014 21:00	3.05	
10/30/2014 00:00	1.23	
10/30/2014 03:00	0.08	
10/30/2014 06:00	1.81	
10/30/2014 09:00	0.13	
10/30/2014 12:00	0.05	
10/30/2014 15:00	0.04	
10/30/2014 18:00	0.06	
10/30/2014 21:00	0.06	
10/31/2014 00:00	0.06	
10/31/2014 03:00	0.06	
10/31/2014 06:00	2.29	
10/31/2014 09:00	2.05	
10/31/2014 12:00	2.31	
10/31/2014 15:00	0.15	
10/31/2014 18:00	0.04	
10/31/2014 21:00	1.99	
11/01/2014 00:00	1.24	
11/01/2014 03:00	1.82	
11/01/2014 06:00	3.49	
11/01/2014 09:00	0.12	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
11/01/2014 12:00	0.12	
11/01/2014 15:00	0.14	
11/01/2014 18:00	0.79	
11/01/2014 21:00	4.66	
11/02/2014 00:00	3.63	
11/02/2014 03:00	3.91	
11/02/2014 06:00	6.28	
11/02/2014 09:00	2.02	
11/02/2014 12:00	2.73	
11/02/2014 15:00	2.54	
11/02/2014 18:00	3.24	
11/02/2014 21:00	4.49	
11/03/2014 00:00	5.43	
11/03/2014 03:00	5.02	
11/03/2014 06:00	3.97	
11/03/2014 09:00	4.11	
11/03/2014 12:00	1.29	
11/03/2014 15:00	0.05	
11/03/2014 18:00	0.77	
11/03/2014 21:00	1.59	
11/04/2014 00:00	0.39	
11/04/2014 03:00	1.45	
11/04/2014 06:00	0.64	
11/04/2014 09:00	0.08	
11/04/2014 12:00	0.41	
11/04/2014 15:00	2.04	
11/04/2014 18:00	2.61	
11/04/2014 21:00	1.19	
11/05/2014 00:00	1.20	
11/05/2014 03:00	1.09	
11/05/2014 06:00	0.90	
11/05/2014 09:00	3.34	
11/05/2014 12:00	3.51	
11/05/2014 15:00	1.63	
11/05/2014 18:00	2.41	
11/05/2014 21:00	2.53	
11/06/2014 00:00	5.86	
11/06/2014 03:00	0.22	
11/06/2014 06:00	0.15	
11/06/2014 09:00	1.99	
11/06/2014 12:00	3.04	
11/06/2014 15:00	2.57	
11/06/2014 18:00	0.57	
11/06/2014 21:00	1.06	
11/07/2014 00:00	0.44	
11/07/2014 03:00	0.00	
11/07/2014 06:00	0.46	
11/07/2014 09:00	7.19	
11/07/2014 12:00	3.69	
11/07/2014 15:00	2.46	
11/07/2014 18:00	0.10	
11/07/2014 21:00	0.03	
11/08/2014 00:00	0.00	
11/08/2014 03:00	0.01	
11/08/2014 06:00	2.59	
11/08/2014 09:00	2.48	
11/08/2014 12:00	2.30	
11/08/2014 15:00	0.00	
11/08/2014 18:00	0.04	
11/08/2014 21:00	0.02	
11/09/2014 00:00	0.00	
11/09/2014 03:00	0.00	
11/09/2014 06:00	0.12	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
11/09/2014 09:00	0.46	
11/09/2014 12:00	0.00	
11/09/2014 15:00	0.35	
11/09/2014 18:00	1.57	
11/09/2014 21:00	0.00	
11/10/2014 00:00	0.00	
11/10/2014 03:00	0.00	
11/10/2014 06:00	0.00	
11/10/2014 09:00	0.03	
11/10/2014 12:00	0.02	
11/10/2014 15:00	0.00	
11/10/2014 18:00	0.00	
11/10/2014 21:00	0.00	
11/11/2014 00:00	0.00	
11/11/2014 03:00	0.00	
11/11/2014 06:00	0.00	
11/11/2014 09:00	1.59	
11/11/2014 12:00	0.12	
11/11/2014 15:00	0.15	
11/11/2014 18:00	0.12	
11/11/2014 21:00	0.10	
11/12/2014 00:00	0.09	
11/12/2014 03:00	0.07	
11/12/2014 06:00	0.10	
11/12/2014 09:00	0.19	
11/12/2014 12:00	0.21	
11/12/2014 15:00	0.47	
11/12/2014 18:00	0.24	
11/12/2014 21:00	0.15	
11/13/2014 00:00	0.23	
11/13/2014 03:00	0.16	
11/13/2014 06:00	0.10	
11/13/2014 09:00	0.31	
11/13/2014 12:00	0.15	
11/13/2014 15:00	0.07	
11/13/2014 18:00	0.10	
11/13/2014 21:00	0.12	
11/14/2014 00:00	1.73	
11/14/2014 03:00	1.12	
11/14/2014 06:00	1.23	
11/14/2014 09:00	0.67	
11/14/2014 12:00	0.71	
11/14/2014 15:00	1.59	
11/14/2014 18:00	1.11	
11/14/2014 21:00	3.38	
11/15/2014 00:00	3.30	
11/15/2014 03:00	2.53	
11/15/2014 06:00	0.74	
11/15/2014 09:00	0.43	
11/15/2014 12:00	1.34	
11/15/2014 15:00	0.75	
11/15/2014 18:00	1.20	
11/15/2014 21:00	1.21	
11/16/2014 00:00	2.17	
11/16/2014 03:00	1.55	
11/16/2014 06:00	0.61	
11/16/2014 09:00	0.30	
11/16/2014 12:00	0.67	
11/16/2014 15:00	1.06	
11/16/2014 18:00	0.44	
11/16/2014 21:00	1.05	
11/17/2014 00:00	2.21	
11/17/2014 03:00	0.72	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
11/17/2014 06:00	2.59	
11/17/2014 09:00	2.44	
11/17/2014 12:00	0.43	
11/17/2014 15:00	0.00	
11/17/2014 18:00	0.00	
11/17/2014 21:00	0.00	
11/18/2014 00:00	0.01	
11/18/2014 03:00	0.00	
11/18/2014 06:00	0.23	
11/18/2014 09:00	0.40	
11/18/2014 12:00	0.96	
11/18/2014 15:00	1.66	
11/18/2014 18:00	0.42	
11/18/2014 21:00	0.38	
11/19/2014 00:00	0.36	
11/19/2014 03:00	0.00	
11/19/2014 06:00	0.00	
11/19/2014 09:00	0.29	
11/19/2014 12:00	0.93	
11/19/2014 15:00	2.67	
11/19/2014 18:00	4.77	
11/19/2014 21:00	0.89	
11/20/2014 00:00	1.08	
11/20/2014 03:00	0.50	
11/20/2014 06:00	0.20	
11/20/2014 09:00	0.30	
11/20/2014 12:00	0.03	
11/20/2014 15:00	0.00	
11/20/2014 18:00	0.03	
11/20/2014 21:00	0.01	
11/21/2014 00:00	0.00	
11/21/2014 03:00	0.00	
11/21/2014 06:00	0.00	
11/21/2014 09:00	0.02	
11/21/2014 12:00	0.05	
11/21/2014 15:00	1.21	
11/21/2014 18:00	2.46	
11/21/2014 21:00	0.63	
11/22/2014 00:00	3.52	
11/22/2014 03:00	2.25	
11/22/2014 06:00	0.92	
11/22/2014 09:00	0.61	
11/22/2014 12:00	0.25	
11/22/2014 15:00	0.12	
11/22/2014 18:00	0.46	
11/22/2014 21:00	0.83	
11/23/2014 00:00	1.16	
11/23/2014 03:00	4.44	
11/23/2014 06:00	0.10	
11/23/2014 09:00	3.38	
11/23/2014 12:00	3.12	
11/23/2014 15:00	0.35	
11/23/2014 18:00	0.63	
11/23/2014 21:00	1.62	
11/24/2014 00:00	2.11	
11/24/2014 03:00	0.44	
11/24/2014 06:00	0.65	
11/24/2014 09:00	8.56	
11/24/2014 12:00	2.72	
11/24/2014 15:00	1.56	
11/24/2014 18:00	0.50	
11/24/2014 21:00	0.71	
11/25/2014 00:00	0.73	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

**SOX
Excess Emissions Report
3-Hour Block Averages**

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
11/25/2014 03:00	1.23	
11/25/2014 06:00	1.47	
11/25/2014 09:00	1.34	
11/25/2014 12:00	2.27	
11/25/2014 15:00	3.19	
11/25/2014 18:00	0.11	
11/25/2014 21:00	0.08	
11/26/2014 00:00	0.03	
11/26/2014 03:00	0.08	
11/26/2014 06:00	0.06	
11/26/2014 09:00	0.11	
11/26/2014 12:00	0.16	
11/26/2014 15:00	0.06	
11/26/2014 18:00	0.02	
11/26/2014 21:00	0.02	
11/27/2014 00:00	0.01	
11/27/2014 03:00	0.00	
11/27/2014 06:00	0.00	
11/27/2014 09:00	0.07	
11/27/2014 12:00	0.00	
11/27/2014 15:00	0.00	
11/27/2014 18:00	0.00	
11/27/2014 21:00	0.00	
11/28/2014 00:00	1.60	
11/28/2014 03:00	0.01	
11/28/2014 06:00	0.05	
11/28/2014 09:00	1.20	
11/28/2014 12:00	0.60	
11/28/2014 15:00	0.00	
11/28/2014 18:00	0.00	
11/28/2014 21:00	0.00	
11/29/2014 00:00	0.00	
11/29/2014 03:00	0.00	
11/29/2014 06:00	0.00	
11/29/2014 09:00	0.05	
11/29/2014 12:00	0.00	
11/29/2014 15:00	0.43	
11/29/2014 18:00	1.47	
11/29/2014 21:00	0.21	
11/30/2014 00:00	1.11	
11/30/2014 03:00	0.12	
11/30/2014 06:00	0.01	
11/30/2014 09:00	0.06	
11/30/2014 12:00	0.00	
11/30/2014 15:00	0.00	
11/30/2014 18:00	0.00	
11/30/2014 21:00	0.00	
12/01/2014 00:00	0.00	
12/01/2014 03:00	0.00	
12/01/2014 06:00	0.00	
12/01/2014 09:00	0.07	
12/01/2014 12:00	0.00	
12/01/2014 15:00	0.00	
12/01/2014 18:00	0.00	
12/01/2014 21:00	0.00	
12/02/2014 00:00	0.00	
12/02/2014 03:00	0.02	
12/02/2014 06:00	0.00	
12/02/2014 09:00	0.07	
12/02/2014 12:00	0.92	
12/02/2014 15:00	0.62	
12/02/2014 18:00	0.04	
12/02/2014 21:00	0.05	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
12/03/2014 00:00	0.02	
12/03/2014 03:00	0.06	
12/03/2014 06:00	0.01	
12/03/2014 09:00	0.61	
12/03/2014 12:00	0.49	
12/03/2014 15:00	0.64	
12/03/2014 18:00	0.23	
12/03/2014 21:00	1.09	
12/04/2014 00:00	0.03	
12/04/2014 03:00	0.06	
12/04/2014 06:00	0.65	
12/04/2014 09:00	1.10	
12/04/2014 12:00	0.66	
12/04/2014 15:00	0.00	
12/04/2014 18:00	0.00	
12/04/2014 21:00	0.02	
12/05/2014 00:00	0.00	
12/05/2014 03:00	0.00	
12/05/2014 06:00	0.00	
12/05/2014 09:00	0.07	
12/05/2014 12:00	0.00	
12/05/2014 15:00	0.01	
12/05/2014 18:00	0.05	
12/05/2014 21:00	0.03	
12/06/2014 00:00	0.01	
12/06/2014 03:00	0.01	
12/06/2014 06:00	0.06	
12/06/2014 09:00	0.16	
12/06/2014 12:00	0.01	
12/06/2014 15:00	0.04	
12/06/2014 18:00	0.01	
12/06/2014 21:00	0.00	
12/07/2014 00:00	0.02	
12/07/2014 03:00	0.00	
12/07/2014 06:00	0.02	
12/07/2014 09:00	0.04	
12/07/2014 12:00	0.00	
12/07/2014 15:00	1.81	
12/07/2014 18:00	1.46	
12/07/2014 21:00	1.04	
12/08/2014 00:00	0.00	
12/08/2014 03:00	0.27	
12/08/2014 06:00	0.38	
12/08/2014 09:00	0.13	
12/08/2014 12:00	0.77	
12/08/2014 15:00	2.21	
12/08/2014 18:00	1.83	
12/08/2014 21:00	0.43	
12/09/2014 00:00	0.01	
12/09/2014 03:00	0.00	
12/09/2014 06:00	0.00	
12/09/2014 09:00	0.07	
12/09/2014 12:00	0.01	
12/09/2014 15:00	0.00	
12/09/2014 18:00	0.00	
12/09/2014 21:00	0.12	
12/10/2014 00:00	0.00	
12/10/2014 03:00	0.00	
12/10/2014 06:00	0.04	
12/10/2014 09:00	0.06	
12/10/2014 12:00	0.64	
12/10/2014 15:00	2.48	
12/10/2014 18:00	7.24	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
12/10/2014 21:00	4.81	
12/11/2014 00:00	2.60	
12/11/2014 03:00	1.81	
12/11/2014 06:00	0.01	
12/11/2014 09:00	0.05	
12/11/2014 12:00	0.01	
12/11/2014 15:00	0.03	
12/11/2014 18:00	0.00	
12/11/2014 21:00	0.00	
12/12/2014 00:00	0.21	
12/12/2014 03:00	0.10	
12/12/2014 06:00	0.62	
12/12/2014 09:00	0.24	
12/12/2014 12:00	0.00	
12/12/2014 15:00	0.00	
12/12/2014 18:00	0.00	
12/12/2014 21:00	0.00	
12/13/2014 00:00	0.37	
12/13/2014 03:00	0.08	
12/13/2014 06:00	0.00	
12/13/2014 09:00	0.04	
12/13/2014 12:00	0.11	
12/13/2014 15:00	0.00	
12/13/2014 18:00	0.79	
12/13/2014 21:00	3.38	
12/14/2014 00:00	2.48	
12/14/2014 03:00	3.63	
12/14/2014 06:00	1.22	
12/14/2014 09:00	1.73	
12/14/2014 12:00	3.56	
12/14/2014 15:00	0.37	
12/14/2014 18:00	1.71	
12/14/2014 21:00	3.66	
12/15/2014 00:00	0.33	
12/15/2014 03:00	2.68	
12/15/2014 06:00	5.86	
12/15/2014 09:00	0.00	
12/15/2014 12:00	0.00	
12/15/2014 15:00	0.00	
12/15/2014 18:00	0.01	
12/15/2014 21:00	0.00	
12/16/2014 00:00	0.00	
12/16/2014 03:00	1.95	
12/16/2014 06:00	0.01	
12/16/2014 09:00	0.41	
12/16/2014 12:00	1.29	
12/16/2014 15:00	0.24	
12/16/2014 18:00	0.14	
12/16/2014 21:00	1.22	
12/17/2014 00:00	1.50	
12/17/2014 03:00	1.95	
12/17/2014 06:00	4.50	
12/17/2014 09:00	3.60	
12/17/2014 12:00	4.87	
12/17/2014 15:00	5.70	
12/17/2014 18:00	0.77	
12/17/2014 21:00	1.63	
12/18/2014 00:00	1.93	
12/18/2014 03:00	2.82	
12/18/2014 06:00	4.42	
12/18/2014 09:00	1.65	
12/18/2014 12:00	2.75	
12/18/2014 15:00	0.41	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

**SOX
Excess Emissions Report
3-Hour Block Averages**

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
12/18/2014 18:00	1.61	
12/18/2014 21:00	0.53	
12/19/2014 00:00	0.15	
12/19/2014 03:00	0.14	
12/19/2014 06:00	0.13	
12/19/2014 09:00	0.72	
12/19/2014 12:00	0.69	
12/19/2014 15:00	1.00	
12/19/2014 18:00	2.19	
12/19/2014 21:00	7.13	
12/20/2014 00:00	2.91	
12/20/2014 03:00	4.00	
12/20/2014 06:00	4.46	
12/20/2014 09:00	0.77	
12/20/2014 12:00	0.41	
12/20/2014 15:00	3.03	
12/20/2014 18:00	0.43	
12/20/2014 21:00	2.28	
12/21/2014 00:00	0.61	
12/21/2014 03:00	0.91	
12/21/2014 06:00	0.36	
12/21/2014 09:00	0.21	
12/21/2014 12:00	1.14	
12/21/2014 15:00	0.76	
12/21/2014 18:00	0.18	
12/21/2014 21:00	0.19	
12/22/2014 00:00	0.22	
12/22/2014 03:00	0.24	
12/22/2014 06:00	0.23	
12/22/2014 09:00	0.26	
12/22/2014 12:00	0.19	
12/22/2014 15:00	0.22	
12/22/2014 18:00	0.29	
12/22/2014 21:00	0.17	
12/23/2014 00:00	0.18	
12/23/2014 03:00	0.15	
12/23/2014 06:00	0.18	
12/23/2014 09:00	0.24	
12/23/2014 12:00	0.20	
12/23/2014 15:00	0.20	
12/23/2014 18:00	2.08	
12/23/2014 21:00	2.44	
12/24/2014 00:00	1.84	
12/24/2014 03:00	0.16	
12/24/2014 06:00	0.69	
12/24/2014 09:00	3.06	
12/24/2014 12:00	1.55	
12/24/2014 15:00	0.17	
12/24/2014 18:00	0.92	
12/24/2014 21:00	1.93	
12/25/2014 00:00	2.44	
12/25/2014 03:00	2.63	
12/25/2014 06:00	6.25	
12/25/2014 09:00	0.52	
12/25/2014 12:00	2.17	
12/25/2014 15:00	0.94	
12/25/2014 18:00	2.39	
12/25/2014 21:00	1.50	
12/26/2014 00:00	0.81	
12/26/2014 03:00	1.71	
12/26/2014 06:00	5.69	
12/26/2014 09:00	4.78	
12/26/2014 12:00	1.55	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
12/26/2014 15:00	3.56	
12/26/2014 18:00	1.24	
12/26/2014 21:00	4.24	
12/27/2014 00:00	4.75	
12/27/2014 03:00	3.53	
12/27/2014 06:00	2.05	
12/27/2014 09:00	2.89	
12/27/2014 12:00	4.27	
12/27/2014 15:00	1.98	
12/27/2014 18:00	5.40	
12/27/2014 21:00	5.01	
12/28/2014 00:00	2.17	
12/28/2014 03:00	1.20	
12/28/2014 06:00	0.13	
12/28/2014 09:00	0.17	
12/28/2014 12:00	0.11	
12/28/2014 15:00	0.12	
12/28/2014 18:00	0.12	
12/28/2014 21:00	0.16	
12/29/2014 00:00	1.61	
12/29/2014 03:00	1.46	
12/29/2014 06:00	0.16	
12/29/2014 09:00	0.75	
12/29/2014 12:00	1.52	
12/29/2014 15:00	2.77	
12/29/2014 18:00	2.52	
12/29/2014 21:00	2.93	
12/30/2014 00:00	1.54	
12/30/2014 03:00	0.63	
12/30/2014 06:00	1.93	
12/30/2014 09:00	6.66	
12/30/2014 12:00	1.80	
12/30/2014 15:00	0.88	
12/30/2014 18:00	2.85	
12/30/2014 21:00	4.23	
12/31/2014 00:00	1.83	
12/31/2014 03:00	3.93	
12/31/2014 06:00	2.62	
12/31/2014 09:00	3.19	
12/31/2014 12:00	2.53	
12/31/2014 15:00	2.01	
12/31/2014 18:00	0.75	
12/31/2014 21:00	2.32	
	0	Number of Events
		Total Emissions for the Quarter
	3090.21	(LBS)
	1.55	(Tons)

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-14	06:47 AM	07:09 AM	22	Calibration Check		16-Nov-14	09:13 AM	09:35 AM	22	Calibration Check
02-Oct-14	06:32 AM	06:47 AM	15	Calibration Check		17-Nov-14	06:53 AM	07:07 AM	14	Calibration Check
03-Oct-14	07:31 AM	07:53 AM	22	Calibration Check		18-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
04-Oct-14	07:50 AM	08:12 AM	22	Calibration Check		19-Nov-14	06:38 AM	06:52 AM	14	Calibration Check
05-Oct-14	06:37 AM	06:59 AM	22	Calibration Check		20-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
06-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		21-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
07-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		22-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
08-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		23-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
09-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		24-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
10-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		25-Nov-14	06:29 AM	06:50 AM	21	Calibration Check
11-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		26-Nov-14	07:02 AM	07:24 AM	22	Calibration Check
12-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		27-Nov-14	06:35 AM	06:56 AM	21	Calibration Check
13-Oct-14	06:01 AM	06:23 AM	22	Calibration Check		28-Nov-14	07:49 AM	08:11 AM	22	Calibration Check
14-Oct-14	06:46 AM	07:08 AM	22	Calibration Check		29-Nov-14	07:23 AM	07:44 AM	21	Calibration Check
15-Oct-14	06:36 AM	06:58 AM	22	Calibration Check		30-Nov-14	06:30 AM	06:51 AM	21	Calibration Check
16-Oct-14	06:25 AM	06:46 AM	21	Calibration Check		01-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
17-Oct-14	06:36 AM	06:57 AM	21	Calibration Check		02-Dec-14	06:30 AM	06:52 AM	22	Calibration Check
18-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		03-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
19-Oct-14	06:35 AM	06:56 AM	21	Calibration Check		04-Dec-14	07:14 AM	07:29 AM	15	Calibration Check
20-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		05-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
21-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		06-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
22-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		07-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
23-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		08-Dec-14	07:13 AM	07:34 AM	21	Calibration Check
24-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		09-Dec-14	05:42 AM	06:03 AM	21	Calibration Check
25-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		10-Dec-14	05:49 AM	06:10 AM	21	Calibration Check
26-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		11-Dec-14	06:03 AM	06:25 AM	22	Calibration Check
27-Oct-14	06:14 AM	06:36 AM	22	Calibration Check		12-Dec-14	06:42 AM	07:03 AM	21	Calibration Check
28-Oct-14	06:39 AM	07:00 AM	21	Calibration Check		13-Dec-14	09:10 AM	09:32 AM	22	Calibration Check
29-Oct-14	06:37 AM	06:59 AM	22	Calibration Check		14-Dec-14	08:15 AM	08:37 AM	22	Calibration Check
30-Oct-14	06:51 AM	07:12 AM	21	Calibration Check		15-Dec-14	05:09 AM	05:31 AM	22	Calibration Check
31-Oct-14	06:48 AM	07:10 AM	22	Calibration Check		16-Dec-14	05:46 AM	06:08 AM	22	Calibration Check
01-Nov-14	06:13 AM	06:28 AM	15	Calibration Check		17-Dec-14	05:57 AM	06:18 AM	21	Calibration Check
02-Nov-14	06:20 AM	06:34 AM	14	Calibration Check		18-Dec-14	05:40 AM	06:01 AM	21	Calibration Check
03-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		19-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
04-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		20-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
05-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		21-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
06-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		22-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
07-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		23-Dec-14	07:21 AM	07:43 AM	22	Calibration Check
08-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-14	07:48 AM	08:09 AM	21	Calibration Check
09-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-14	08:16 AM	08:30 AM	14	Re-calibration
10-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		25-Dec-14	11:56 AM	12:17 PM	21	Calibration Check
11-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		26-Dec-14	07:35 AM	07:56 AM	21	Calibration Check
12-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		27-Dec-14	09:41 AM	10:03 AM	22	Calibration Check
13-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		28-Dec-14	06:35 AM	06:56 AM	21	Calibration Check
14-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		29-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
15-Nov-14	08:16 AM	08:38 AM	22	Calibration Check		30-Dec-14	07:46 AM	07:54 AM	8	Calibration Check
						31-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
			Minutes						Minutes	
			958						930	
Total minutes for quality assurance:										
			Minutes							
			1888							

**SOX MONITOR
DOWNTIME**

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
10/26/2014	8:00 PM	8:12 PM	12	Checked for Drift	Manual Calibration	On Hazardous Waste
11/2/2014	1:01 AM	1:12 AM	11	Checked for Drift	None	On Hazardous Waste
11/3/2014	2:20 AM	2:32 AM	12	Checked for Drift	None - Checked well	On Hazardous Waste
11/14/2014	10:00 PM	10:10 PM	10	Checking Analyzer	None - Checked well	On Hazardous Waste
12/27/2014	5:07 PM	5:30 PM	23	Checking Analyzer	None - Checked well	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
12/24/2014	8:16 AM	8:30 AM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
11/21/2014	12:01 PM	12:11 PM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste
12/2/2014	5:35 AM	5:40 AM	5	OTHER ANALYZER WORK DONE (Wet O2)	None - Checked well	On Hazardous Waste
12/4/2014	7:05 AM	7:13 AM	8	OTHER ANALYZER WORK DONE (Nox)	Changed Pump	On Hazardous Waste
12/4/2014	7:35 AM	7:53 AM	18	OTHER ANALYZER WORK DONE (THC #1)	d pump for second time first pl	On Hazardous Waste
12/30/2014	7:34 AM	7:44 AM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					130,653	
TOTAL DOWNTIME OF CEM SYSTEM:					133	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					133	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,520	
SYSTEM AVAILABILITY					99.9%	

**SOX MONITOR
PREVENTIVE
MAINTENANCE**

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Date	Duration	Activity
TOTAL		
(e.g., blowback, manual adjustment to monitors, etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

TELEDYNE MONITOR LABS
MODEL: Light-Hawk 560
SN #5600687

Opacity Exceedance
Summary

EMISSION LIMIT, 20%
SIX-MINUTE STARTING
AT THE TOP OF THE HOUR

Date	MAXIMUM OPACITY	Duration (min)	Reason	Corrective Action
10/13/2014 14:06	92.5	42	Maintenance - Lens Cleaning	Completed Maintenance
11/06/2014 15:18	20.4	18	Quarterly Stack Audit	None
		60	Total Minutes	

TELEDYNE MONITOR LABS
 MODEL: LightHawk 560
 SN #5600687

Opacity Exceedance

EMISSION LIMIT: 20%
 SIX-MINUTE STARTING
 AT THE TOP OF THE HOUR

	Date	% Opacity	Cause of Exceedance	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	10/13/2014 14:06	53.35	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
2	10/13/2014 14:12	92.17	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
3	10/13/2014 14:18	92.50	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
4	10/13/2014 14:24	80.26	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
5	10/13/2014 14:30	20.92	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
6	10/13/2014 15:06	33.38	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
7	10/13/2014 15:12	33.49	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
8	11/06/2014 15:18	20.42	Quarterly Stack Audit	None	Waste	Yes	No
9	11/06/2014 15:54	29.87	Quarterly Stack Audit	None	Waste	Yes	No
10	11/06/2014 16:00	43.20	Quarterly Stack Audit	None	Waste	Yes	No
		10	Total 6-Minute Averages in Exceedance				
		2	Number of Events				

Flows-Opacity - QA

Date	Start Time	End Time	Duration	Activity
01-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
02-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
03-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
04-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
05-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
06-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
07-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
08-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
09-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
10-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
11-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
12-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
13-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
14-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
15-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
16-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
17-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
18-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
19-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
20-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
21-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
22-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
23-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
24-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
25-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
26-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
27-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
28-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
29-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
30-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
31-Oct-14	06:16 AM	06:23 AM	7	Calibration Check
01-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
02-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
03-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
04-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
05-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
06-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
07-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
08-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
09-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
10-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
11-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
12-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
13-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
14-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
15-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
			Minutes	
			322	
Total minutes for quality assurance:				
			Minutes	
			644	

TELEDYNE MONITOR LABS
 MODEL: LightHawk 560
 SN #5600687

Opacity Monitor
 Downtime

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
MONITOR EQUIPMENT MALFUNCTION						
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					130,653	
TOTAL DOWNTIME OF CEM SYSTEM:					0	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,653	
SYSTEM AVAILABILITY					100.0%	

TELEDYNE MONITOR LABS
 MODEL: LightHawk 560
 SN #5600687

Opacity Monitor
 Downtime

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
MONITOR EQUIPMENT MALFUNCTION						
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
UNRECORDED TIME (MISSING MINUTES)				Other		
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					130,653	
TOTAL DOWNTIME OF CEM SYSTEM:					0	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,653	
SYSTEM AVAILABILITY					100.0%	

**OPACITY MONITOR
PREVENTIVE MAINTENANCE**

Date	Duration	Activity
6-Nov-14	120	Audit
Total Minutes:	120	
(e.g., blowback, manual adjustment to monitor)		

Emissions Limits:
95.26 Tons/Year

**CO EXCESS
EMISSIONS REPORT**

Thermo Scientific
Model: 480
Serial Numbers:
CM10360078

	Total CO emissions for the quarter:			
			lbs	tons
			9120	4.56

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Oct-14	07:17 AM	07:28 AM	11	Calibration Check	16-Nov-14	10:14 AM	10:25 AM	11	Calibration Check
02-Oct-14	06:17 AM	06:29 AM	12	Calibration Check	17-Nov-14	06:38 AM	06:49 AM	11	Calibration Check
03-Oct-14	08:01 AM	08:12 AM	11	Calibration Check	18-Nov-14	06:40 AM	06:51 AM	11	Calibration Check
04-Oct-14	08:24 AM	08:35 AM	11	Calibration Check	19-Nov-14	06:57 AM	07:08 AM	11	Calibration Check
05-Oct-14	07:23 AM	07:34 AM	11	Calibration Check	20-Nov-14	06:42 AM	06:53 AM	11	Calibration Check
06-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	21-Nov-14	07:28 AM	07:36 AM	8	Calibration Check
07-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	22-Nov-14	06:50 AM	06:58 AM	8	Calibration Check
08-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	23-Nov-14	06:50 AM	07:01 AM	11	Calibration Check
09-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	24-Nov-14	06:50 AM	07:01 AM	11	Calibration Check
10-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	25-Nov-14	06:55 AM	07:06 AM	11	Calibration Check
11-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	26-Nov-14	07:29 AM	07:40 AM	11	Calibration Check
12-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	27-Nov-14	07:00 AM	07:12 AM	12	Calibration Check
13-Oct-14	07:12 AM	07:23 AM	11	Calibration Check	28-Nov-14	08:20 AM	08:31 AM	11	Calibration Check
14-Oct-14	07:12 AM	07:23 AM	11	Calibration Check	29-Nov-14	08:09 AM	08:20 AM	11	Calibration Check
15-Oct-14	07:03 AM	07:14 AM	11	Calibration Check	30-Nov-14	06:57 AM	07:08 AM	11	Calibration Check
16-Oct-14	06:53 AM	07:04 AM	11	Calibration Check	01-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
17-Oct-14	07:03 AM	07:14 AM	11	Calibration Check	02-Dec-14	07:14 AM	07:25 AM	11	Calibration Check
18-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	03-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
19-Oct-14	07:02 AM	07:13 AM	11	Calibration Check	04-Dec-14	08:00 AM	08:11 AM	11	Calibration Check
20-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	05-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
21-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	06-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
22-Oct-14	06:58 AM	07:10 AM	12	Calibration Check	07-Dec-14	07:14 AM	07:22 AM	8	Calibration Check
23-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	08-Dec-14	08:26 AM	08:34 AM	8	Calibration Check
24-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	09-Dec-14	09:45 AM	09:53 AM	8	Calibration Check
25-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	10-Dec-14	06:52 AM	07:03 AM	11	Calibration Check
26-Oct-14	06:50 AM	07:01 AM	11	Calibration Check	11-Dec-14	06:38 AM	06:49 AM	11	Calibration Check
27-Oct-14	06:41 AM	06:53 AM	12	Calibration Check	12-Dec-14	07:08 AM	07:19 AM	11	Calibration Check
28-Oct-14	07:04 AM	07:16 AM	12	Calibration Check	13-Dec-14	09:37 AM	09:48 AM	11	Calibration Check
29-Oct-14	07:04 AM	07:15 AM	11	Calibration Check	14-Dec-14	08:41 AM	08:52 AM	11	Calibration Check
30-Oct-14	07:16 AM	07:27 AM	11	Calibration Check	15-Dec-14	04:55 AM	05:06 AM	11	Calibration Check
31-Oct-14	06:29 AM	06:40 AM	11	Calibration Check	16-Dec-14	06:12 AM	06:23 AM	11	Calibration Check
01-Nov-14	05:51 AM	06:02 AM	11	Calibration Check	17-Dec-14	06:43 AM	06:51 AM	8	Calibration Check
02-Nov-14	06:58 AM	07:04 AM	6	Calibration Check	18-Dec-14	06:08 AM	06:16 AM	8	Calibration Check
03-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	19-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
04-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	20-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
05-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	21-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
06-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	22-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
07-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	23-Dec-14	07:47 AM	07:58 AM	11	Calibration Check
08-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	24-Dec-14	08:35 AM	08:46 AM	11	Calibration Check
09-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	25-Dec-14	12:22 PM	12:33 PM	11	Calibration Check
10-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	26-Dec-14	07:19 AM	07:30 AM	11	Calibration Check
11-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	27-Dec-14	09:27 AM	09:38 AM	11	Calibration Check
12-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	28-Dec-14	07:04 AM	07:15 AM	11	Calibration Check
13-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	29-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
14-Nov-14	06:50 AM	07:01 AM	11	Calibration Check	30-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
15-Nov-14	08:42 AM	08:53 AM	11	Calibration Check	31-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
			Minutes					Minutes	
			505					486	
Total minutes for quality assurance:									
			Minutes						
			991						

CO Monitor
Stack #2
Downtime

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

Date	Start Time	End Time	Duration	Reason Stack #2 - CO	Action	Incinerator Operation
WORK ON THIS ANALYZER						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					130,653	
TOTAL DOWNTIME OF CEM SYSTEM:					0	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,653	
SYSTEM AVAILABILITY					100.0%	

**CO Monitor
Stack #2
Preventative
Maintenance**

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

Date	Duration	Activity
TOTAL		
(e.g., blowback manual adjustment to monitors, etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

Mr. Erik Bewley
OEPA-DAPC-NEDO
2110 E. Aurora Road
Twinsburg, OH 44087

April 30, 2015
VIA UPS and Air Services

RE: HERITAGE THERMAL SERVICES
FACILITY ID: 02-15-02-0233
1ST QUARTER 2015
EXCESS EMISSIONS REPORT

Dear Mr. Bewley:

Enclosed are the quarterly reports for excess emissions of opacity, sulfur dioxide, oxides of nitrogen, and total hydrocarbons as required by Heritage Thermal Services' Title V Permit # P0084372. Additional information regarding incinerator operation, kiln and secondary combustion temperature, and carbon monoxide emissions are also included. This report covers the period **January 1 through March 31, 2015.**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are certain penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

If you have any questions feel free to contact me at 330-385-7337.

Sincerely,



Stewart Fletcher
General Manager
Heritage Thermal Services

Key Words: Air / Quarterly Report /1st Quarter 2015 EER

File Name: Environ\Vince\EER Quarterly\151Q\eer cover 151Q.doc

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
01/01/2015 00:00	01/01/2015 15:31	932	On Hazardous Waste
01/01/2015 15:32	01/01/2015 16:28	57	Retention
01/01/2015 16:29	01/03/2015 17:11	2923	On Hazardous Waste
01/03/2015 17:12	01/03/2015 17:25	14	Retention
01/03/2015 17:26	01/03/2015 18:07	42	On Hazardous Waste
01/03/2015 18:08	01/03/2015 18:49	42	Retention
01/03/2015 18:50	01/06/2015 06:00	3551	On Hazardous Waste
01/06/2015 06:01	01/06/2015 08:56	176	Retention
01/06/2015 08:57	01/08/2015 03:37	2561	On Hazardous Waste
01/08/2015 03:38	01/08/2015 04:36	59	Retention
01/08/2015 04:37	01/09/2015 00:24	1188	On Hazardous Waste
01/09/2015 00:25	01/09/2015 01:23	59	Retention
01/09/2015 01:24	01/09/2015 20:39	1156	On Hazardous Waste
01/09/2015 20:40	01/09/2015 21:33	54	Retention
01/09/2015 21:34	01/23/2015 12:23	19610	On Hazardous Waste
01/23/2015 12:24	01/23/2015 13:11	48	Retention
01/23/2015 13:12	01/30/2015 22:42	10651	On Hazardous Waste
01/30/2015 22:43	01/30/2015 23:15	33	Retention
01/30/2015 23:16	02/01/2015 19:37	2662	On Hazardous Waste
02/01/2015 19:38	02/01/2015 20:34	57	Retention
02/01/2015 20:35	02/02/2015 21:34	1500	On Hazardous Waste
02/02/2015 21:35	02/02/2015 22:12	38	Retention
02/02/2015 22:13	02/05/2015 17:36	4044	On Hazardous Waste
02/05/2015 17:37	02/05/2015 17:46	10	Retention
02/05/2015 17:47	02/08/2015 14:14	4108	On Hazardous Waste
02/08/2015 14:15	02/08/2015 14:30	16	Retention
02/08/2015 14:31	02/09/2015 09:17	1127	On Hazardous Waste
02/09/2015 09:18	02/09/2015 10:35	78	Retention
02/09/2015 10:36	02/12/2015 16:09	4654	On Hazardous Waste
02/12/2015 16:10	02/12/2015 16:18	9	Retention
02/12/2015 16:19	02/12/2015 16:37	19	On Hazardous Waste
02/12/2015 16:38	02/12/2015 17:38	61	Retention
02/12/2015 17:39	02/13/2015 23:31	1793	On Hazardous Waste
02/13/2015 23:32	02/14/2015 02:27	176	Retention
02/14/2015 02:28	02/15/2015 17:58	2371	Offline
02/15/2015 17:59	02/15/2015 22:17	259	On Virgin Fuels
02/15/2015 22:18	02/15/2015 22:26	9	Offline
02/15/2015 22:27	02/16/2015 00:50	144	On Virgin Fuels
02/16/2015 00:51	02/16/2015 05:36	286	Offline
02/16/2015 05:37	02/16/2015 06:57	81	On Virgin Fuels
02/16/2015 06:58	02/16/2015 07:06	9	Offline
02/16/2015 07:07	02/16/2015 22:05	899	On Virgin Fuels
02/16/2015 22:06	02/16/2015 22:13	8	On Hazardous Waste
02/16/2015 22:14	02/17/2015 00:13	120	On Virgin Fuels
02/17/2015 00:14	02/17/2015 04:37	264	On Hazardous Waste
02/17/2015 04:38	02/17/2015 04:57	20	Retention
02/17/2015 04:58	02/17/2015 16:58	721	On Hazardous Waste
02/17/2015 16:59	02/17/2015 17:27	29	Retention
02/17/2015 17:28	02/18/2015 17:22	1435	On Hazardous Waste
02/18/2015 17:23	02/18/2015 17:56	34	Retention
02/18/2015 17:57	02/22/2015 23:18	6082	On Hazardous Waste
02/22/2015 23:19	02/23/2015 00:18	60	Retention
02/23/2015 00:19	02/24/2015 14:56	2318	On Hazardous Waste
02/24/2015 14:57	02/24/2015 14:57	1	Retention
02/24/2015 14:58	02/26/2015 14:08	2831	On Hazardous Waste
02/26/2015 14:09	02/26/2015 14:45	37	Retention
02/26/2015 14:46	02/26/2015 19:45	300	On Hazardous Waste
02/26/2015 19:46	02/26/2015 22:25	160	Retention
02/26/2015 22:26	02/27/2015 02:33	248	On Virgin Fuels
02/27/2015 02:34	03/04/2015 21:25	8332	On Hazardous Waste
03/04/2015 21:26	03/04/2015 22:24	59	Retention
03/04/2015 22:25	03/05/2015 07:53	569	On Hazardous Waste

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
03/05/2015 07:54	03/05/2015 08:04	11	Retention
03/05/2015 08:05	03/05/2015 10:55	171	On Hazardous Waste
03/05/2015 10:56	03/05/2015 11:56	61	Retention
03/05/2015 11:57	03/06/2015 12:44	1488	On Hazardous Waste
03/06/2015 12:45	03/06/2015 12:53	9	Retention
03/06/2015 12:54	03/07/2015 11:03	1330	On Hazardous Waste
03/07/2015 11:04	03/07/2015 11:52	49	Retention
03/07/2015 11:53	03/08/2015 06:27	1115	On Hazardous Waste
03/08/2015 06:28	03/08/2015 06:30	3	Retention
03/08/2015 06:31	03/14/2015 01:00	8310	On Hazardous Waste
03/14/2015 01:01	03/14/2015 02:02	62	Retention
03/14/2015 02:03	03/15/2015 19:01	2459	On Hazardous Waste
03/15/2015 19:02	03/15/2015 20:38	97	Retention
03/15/2015 20:39	03/16/2015 05:52	554	On Hazardous Waste
03/16/2015 05:53	03/16/2015 05:58	6	Retention
03/16/2015 05:59	03/18/2015 00:54	2576	On Hazardous Waste
03/18/2015 00:55	03/19/2015 07:57	1863	Offline
03/19/2015 07:58	03/19/2015 16:21	504	Offline
03/19/2015 16:22	03/19/2015 16:25	4	Missing - Unit Offline
03/19/2015 16:26	03/19/2015 18:04	99	Offline
03/19/2015 18:05	03/19/2015 18:05	1	Missing - Unit Offline
03/19/2015 18:06	03/20/2015 14:39	1234	Offline
03/20/2015 14:40	03/21/2015 12:06	1287	Offline
03/21/2015 12:07	03/22/2015 06:35	1109	On Virgin Fuels
03/22/2015 06:36	03/22/2015 15:02	507	On Hazardous Waste
03/22/2015 15:03	03/22/2015 15:04	2	Retention
03/22/2015 15:05	03/24/2015 20:20	3196	On Hazardous Waste
03/24/2015 20:21	03/24/2015 20:36	16	Offline
03/24/2015 20:37	03/24/2015 20:37	1	On Virgin Fuels
03/24/2015 20:38	03/24/2015 20:43	6	Offline
03/24/2015 20:44	03/24/2015 20:44	1	On Virgin Fuels
03/24/2015 20:45	03/24/2015 21:08	24	Offline
03/24/2015 21:09	03/24/2015 21:49	41	On Virgin Fuels
03/24/2015 21:50	03/25/2015 18:16	1227	On Hazardous Waste
03/25/2015 18:17	03/25/2015 18:21	5	Offline
03/25/2015 18:22	03/25/2015 18:23	2	On Virgin Fuels
03/25/2015 18:24	03/25/2015 18:24	1	On Hazardous Waste
03/25/2015 18:25	03/25/2015 18:27	3	On Virgin Fuels
03/25/2015 18:28	03/31/2015 23:59	8972	On Hazardous Waste
		117287	On Hazardous Waste
		1687	Retention
		2908	On Virgin Fuels
		7713	Offline
		5	Missing - Unit Offline
		129600	Total
		129600	Minutes in Quarter

Temperature is Report
on a One Hour
Average

**Kiln Temperature
Summary
< 1718**

Kiln Temperature must be > 1718 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
01/06/2015 06:21	1241.6	155	Malfunction Power Failure	Repaired UPS. Restarted unit.
02/09/2015 09:33	1698.3	24	Malfunction Prior AWFCO	Restarted fan and unit
02/13/2015 23:49	731.2	159	Malfunction Boiler Tube	Shutdown unit. Repaired tube.
02/18/2015 17:38	1714.8	9	Malfunction Instrument	Repaired level indicator. Restarted unit.
		192	Total Minutes	

Temperature is Report
on a One Hour
Average

Kiln Temperature
< 1718

Kiln Temperature must be > 1718 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	in Combustion Zone?	Automatic Waste Feed Cutoff?
1	01/06/2015 06:21	1710.80	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
2	01/06/2015 06:22	1700.77	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
3	01/06/2015 06:23	1690.99	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
4	01/06/2015 06:24	1681.34	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
5	01/06/2015 06:25	1671.83	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
6	01/06/2015 06:26	1662.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
7	01/06/2015 06:27	1652.39	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
8	01/06/2015 06:28	1642.13	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
9	01/06/2015 06:29	1631.59	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
10	01/06/2015 06:30	1620.79	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
11	01/06/2015 06:31	1609.93	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
12	01/06/2015 06:32	1599.03	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
13	01/06/2015 06:33	1588.33	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
14	01/06/2015 06:34	1577.79	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
15	01/06/2015 06:35	1567.41	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
16	01/06/2015 06:36	1557.26	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
17	01/06/2015 06:37	1547.07	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
18	01/06/2015 06:38	1536.40	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
19	01/06/2015 06:39	1524.98	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
20	01/06/2015 06:40	1512.84	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
21	01/06/2015 06:41	1500.00	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
22	01/06/2015 06:42	1487.06	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
23	01/06/2015 06:43	1474.24	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
24	01/06/2015 06:44	1461.70	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
25	01/06/2015 06:45	1449.53	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
26	01/06/2015 06:46	1437.87	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
27	01/06/2015 06:47	1426.91	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
28	01/06/2015 06:48	1416.44	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
29	01/06/2015 06:49	1406.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
30	01/06/2015 06:50	1396.25	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
31	01/06/2015 06:51	1386.20	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
32	01/06/2015 06:52	1376.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
33	01/06/2015 06:53	1366.44	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
34	01/06/2015 06:54	1356.82	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
35	01/06/2015 06:55	1347.19	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
36	01/06/2015 06:56	1337.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
37	01/06/2015 06:57	1326.98	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
38	01/06/2015 06:58	1316.11	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
39	01/06/2015 06:59	1304.59	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
40	01/06/2015 07:00	1292.84	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
41	01/06/2015 07:01	1306.00	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
42	01/06/2015 07:02	1301.79	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
43	01/06/2015 07:03	1297.78	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
44	01/06/2015 07:04	1293.67	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
45	01/06/2015 07:05	1289.42	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
46	01/06/2015 07:06	1285.31	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
47	01/06/2015 07:07	1281.34	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
48	01/06/2015 07:08	1277.66	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
49	01/06/2015 07:09	1274.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
50	01/06/2015 07:10	1271.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
51	01/06/2015 07:11	1268.47	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
52	01/06/2015 07:12	1265.84	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
53	01/06/2015 07:13	1263.34	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
54	01/06/2015 07:14	1260.99	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
55	01/06/2015 07:15	1258.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
56	01/06/2015 07:16	1256.78	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
57	01/06/2015 07:17	1254.90	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
58	01/06/2015 07:18	1253.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
59	01/06/2015 07:19	1251.59	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
60	01/06/2015 07:20	1250.17	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
61	01/06/2015 07:21	1249.08	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
62	01/06/2015 07:22	1248.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
63	01/06/2015 07:23	1247.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
64	01/06/2015 07:24	1246.16	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
65	01/06/2015 07:25	1244.97	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
< 1718

Kiln Temperature must be > 1718 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	in Combustion Zone?	Automatic Waste Feed Cutoff?
66	01/06/2015 07:26	1243.78	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
67	01/06/2015 07:27	1242.80	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
68	01/06/2015 07:28	1242.10	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
69	01/06/2015 07:29	1241.72	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
70	01/06/2015 07:30	1241.59	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
71	01/06/2015 07:31	1241.70	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
72	01/06/2015 07:32	1241.93	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
73	01/06/2015 07:33	1242.20	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
74	01/06/2015 07:34	1242.52	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
75	01/06/2015 07:35	1242.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
76	01/06/2015 07:36	1243.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
77	01/06/2015 07:37	1243.45	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
78	01/06/2015 07:38	1244.18	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
79	01/06/2015 07:39	1245.51	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
80	01/06/2015 07:40	1247.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
81	01/06/2015 07:41	1249.30	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
82	01/06/2015 07:42	1251.47	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
83	01/06/2015 07:43	1253.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
84	01/06/2015 07:44	1255.77	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
85	01/06/2015 07:45	1257.44	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
86	01/06/2015 07:46	1258.43	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
87	01/06/2015 07:47	1258.58	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
88	01/06/2015 07:48	1258.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
89	01/06/2015 07:49	1257.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
90	01/06/2015 07:50	1257.16	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
91	01/06/2015 07:51	1256.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
92	01/06/2015 07:52	1256.56	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
93	01/06/2015 07:53	1256.55	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
94	01/06/2015 07:54	1256.75	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
95	01/06/2015 07:55	1257.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
96	01/06/2015 07:56	1257.38	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
97	01/06/2015 07:57	1257.56	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
98	01/06/2015 07:58	1257.62	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
99	01/06/2015 07:59	1257.66	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
100	01/06/2015 08:00	1257.57	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
101	01/06/2015 08:01	1257.35	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
102	01/06/2015 08:02	1257.24	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
103	01/06/2015 08:03	1257.14	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
104	01/06/2015 08:04	1257.17	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
105	01/06/2015 08:05	1257.32	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
106	01/06/2015 08:06	1257.35	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
107	01/06/2015 08:07	1257.39	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
108	01/06/2015 08:08	1257.19	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
109	01/06/2015 08:09	1256.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
110	01/06/2015 08:10	1256.17	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
111	01/06/2015 08:11	1255.64	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
112	01/06/2015 08:12	1255.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
113	01/06/2015 08:13	1254.95	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
114	01/06/2015 08:14	1254.64	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
115	01/06/2015 08:15	1254.39	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
116	01/06/2015 08:16	1254.18	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
117	01/06/2015 08:17	1254.00	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
118	01/06/2015 08:18	1255.29	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
119	01/06/2015 08:19	1257.57	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
120	01/06/2015 08:20	1260.99	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
121	01/06/2015 08:21	1265.04	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
122	01/06/2015 08:22	1269.02	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
123	01/06/2015 08:23	1273.35	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
124	01/06/2015 08:24	1277.43	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
125	01/06/2015 08:25	1280.73	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
126	01/06/2015 08:26	1283.48	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
127	01/06/2015 08:27	1285.72	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
128	01/06/2015 08:28	1288.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
129	01/06/2015 08:29	1291.37	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
130	01/06/2015 08:30	1295.57	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
< 1718

Kiln Temperature must be > 1718 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	In Combustion Zone?	Automatic Waste Feed Cutoff?
131	01/06/2015 08:31	1300.63	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
132	01/06/2015 08:32	1306.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
133	01/06/2015 08:33	1313.85	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
134	01/06/2015 08:34	1321.90	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
135	01/06/2015 08:35	1330.55	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
136	01/06/2015 08:36	1339.54	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
137	01/06/2015 08:37	1348.64	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
138	01/06/2015 08:38	1357.93	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
139	01/06/2015 08:39	1367.48	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
140	01/06/2015 08:40	1377.13	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
141	01/06/2015 08:41	1387.33	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
142	01/06/2015 08:42	1397.90	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
143	01/06/2015 08:43	1408.36	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
144	01/06/2015 08:44	1418.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
145	01/06/2015 08:45	1428.24	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
146	01/06/2015 08:46	1437.36	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
147	01/06/2015 08:47	1446.31	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
148	01/06/2015 08:48	1455.26	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
149	01/06/2015 08:49	1464.45	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
150	01/06/2015 08:50	1474.17	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
151	01/06/2015 08:51	1484.36	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
152	01/06/2015 08:52	1494.53	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
153	01/06/2015 08:53	1504.77	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
154	01/06/2015 08:54	1515.10	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
155	01/06/2015 08:55	1525.60	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
156	01/06/2015 08:56	1536.35	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
157	02/09/2015 09:33	1715.09	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
158	02/09/2015 09:34	1713.41	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
159	02/09/2015 09:35	1712.88	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
160	02/09/2015 09:36	1712.88	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
161	02/09/2015 09:37	1712.50	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
162	02/09/2015 09:38	1711.22	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
163	02/09/2015 09:39	1709.13	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
164	02/09/2015 09:40	1706.25	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
165	02/09/2015 09:41	1703.38	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
166	02/09/2015 09:42	1701.09	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
167	02/09/2015 09:43	1699.41	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
168	02/09/2015 09:44	1698.50	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
169	02/09/2015 09:45	1698.25	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
170	02/09/2015 09:46	1698.34	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
171	02/09/2015 09:47	1698.44	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
172	02/09/2015 09:48	1698.31	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
173	02/09/2015 09:49	1699.16	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
174	02/09/2015 09:50	1701.69	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
175	02/09/2015 09:51	1704.16	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
176	02/09/2015 09:52	1706.63	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
177	02/09/2015 09:53	1709.00	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
178	02/09/2015 09:54	1711.34	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
179	02/09/2015 09:55	1713.69	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
180	02/09/2015 09:56	1716.25	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
181	02/13/2015 23:49	1700.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
182	02/13/2015 23:50	1681.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
183	02/13/2015 23:51	1661.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
184	02/13/2015 23:52	1641.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
185	02/13/2015 23:53	1622.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
186	02/13/2015 23:54	1602.63	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
187	02/13/2015 23:55	1583.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
188	02/13/2015 23:56	1565.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
189	02/13/2015 23:57	1546.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
190	02/13/2015 23:58	1528.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
191	02/13/2015 23:59	1509.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
192	02/14/2015 00:00	1490.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
193	02/14/2015 00:01	1472.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
194	02/14/2015 00:02	1453.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
195	02/14/2015 00:03	1416.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
< 1718

Kiln Temperature must be > 1718 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	in Combustion Zone?	Automatic Waste Feed Cutoff?
196	02/14/2015 00:04	1397.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
197	02/14/2015 00:05	1397.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
198	02/14/2015 00:06	1379.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
199	02/14/2015 00:07	1344.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
200	02/14/2015 00:08	1326.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
201	02/14/2015 00:09	1326.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
202	02/14/2015 00:10	1308.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
203	02/14/2015 00:11	1291.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
204	02/14/2015 00:12	1273.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
205	02/14/2015 00:13	1256.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
206	02/14/2015 00:14	1238.41	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
207	02/14/2015 00:15	1220.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
208	02/14/2015 00:16	1184.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
209	02/14/2015 00:17	1184.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
210	02/14/2015 00:18	1165.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
211	02/14/2015 00:19	1147.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
212	02/14/2015 00:20	1129.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
213	02/14/2015 00:21	1111.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
214	02/14/2015 00:22	1093.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
215	02/14/2015 00:23	1056.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
216	02/14/2015 00:24	1038.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
217	02/14/2015 00:25	1038.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
218	02/14/2015 00:26	1019.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
219	02/14/2015 00:27	1000.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
220	02/14/2015 00:28	982.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
221	02/14/2015 00:29	963.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
222	02/14/2015 00:30	924.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
223	02/14/2015 00:31	903.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
224	02/14/2015 00:32	883.70	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
225	02/14/2015 00:33	883.70	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
226	02/14/2015 00:34	866.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
227	02/14/2015 00:35	853.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
228	02/14/2015 00:36	844.08	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
229	02/14/2015 00:37	844.08	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
230	02/14/2015 00:38	844.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
231	02/14/2015 00:39	844.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
232	02/14/2015 00:40	844.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
233	02/14/2015 00:41	843.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
234	02/14/2015 00:42	843.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
235	02/14/2015 00:43	842.95	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
236	02/14/2015 00:44	842.08	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
237	02/14/2015 00:45	839.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
238	02/14/2015 00:46	838.41	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
239	02/14/2015 00:47	838.41	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
240	02/14/2015 00:48	836.86	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
241	02/14/2015 00:49	833.48	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
242	02/14/2015 00:50	831.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
243	02/14/2015 00:51	831.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
244	02/14/2015 00:52	828.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
245	02/14/2015 00:53	826.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
246	02/14/2015 00:54	826.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
247	02/14/2015 00:55	824.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
248	02/14/2015 00:56	823.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
249	02/14/2015 00:57	820.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
250	02/14/2015 00:58	820.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
251	02/14/2015 00:59	816.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
252	02/14/2015 01:00	815.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
253	02/14/2015 01:01	815.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
254	02/14/2015 01:02	811.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
255	02/14/2015 01:03	811.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
256	02/14/2015 01:04	808.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
257	02/14/2015 01:05	806.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
258	02/14/2015 01:06	806.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
259	02/14/2015 01:07	802.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
260	02/14/2015 01:08	802.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
< 1718

Kiln Temperature must be > 1718 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	In Combu stion Zone?	Automatic Waste Feed Cutoff?
261	02/14/2015 01:09	799.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
262	02/14/2015 01:10	799.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
263	02/14/2015 01:11	795.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
264	02/14/2015 01:12	793.67	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
265	02/14/2015 01:13	791.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
266	02/14/2015 01:14	791.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
267	02/14/2015 01:15	790.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
268	02/14/2015 01:16	786.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
269	02/14/2015 01:17	786.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
270	02/14/2015 01:18	784.89	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
271	02/14/2015 01:19	781.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
272	02/14/2015 01:20	779.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
273	02/14/2015 01:21	779.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
274	02/14/2015 01:22	776.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
275	02/14/2015 01:23	776.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
276	02/14/2015 01:24	774.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
277	02/14/2015 01:25	771.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
278	02/14/2015 01:26	770.33	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
279	02/14/2015 01:27	768.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
280	02/14/2015 01:28	768.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
281	02/14/2015 01:29	767.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
282	02/14/2015 01:30	765.78	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
283	02/14/2015 01:31	764.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
284	02/14/2015 01:32	762.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
285	02/14/2015 01:33	761.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
286	02/14/2015 01:34	759.83	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
287	02/14/2015 01:35	758.36	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
288	02/14/2015 01:36	756.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
289	02/14/2015 01:37	755.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
290	02/14/2015 01:38	753.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
291	02/14/2015 01:39	752.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
292	02/14/2015 01:40	751.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
293	02/14/2015 01:41	749.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
294	02/14/2015 01:42	748.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
295	02/14/2015 01:43	747.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
296	02/14/2015 01:44	745.95	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
297	02/14/2015 01:45	744.86	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
298	02/14/2015 01:46	743.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
299	02/14/2015 01:47	742.83	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
300	02/14/2015 01:48	741.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
301	02/14/2015 01:49	741.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
302	02/14/2015 01:50	739.73	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
303	02/14/2015 01:51	739.73	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
304	02/14/2015 01:52	739.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
305	02/14/2015 01:53	738.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
306	02/14/2015 01:54	738.02	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
307	02/14/2015 01:55	737.48	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
308	02/14/2015 01:56	736.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
309	02/14/2015 01:57	735.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
310	02/14/2015 01:58	735.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
311	02/14/2015 01:59	735.45	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
312	02/14/2015 02:00	735.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
313	02/14/2015 02:01	734.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
314	02/14/2015 02:02	734.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
315	02/14/2015 02:03	733.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
316	02/14/2015 02:04	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
317	02/14/2015 02:05	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
318	02/14/2015 02:06	732.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
319	02/14/2015 02:07	732.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
320	02/14/2015 02:08	732.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
321	02/14/2015 02:09	732.05	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
322	02/14/2015 02:10	732.05	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
323	02/14/2015 02:11	731.89	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
324	02/14/2015 02:12	731.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
325	02/14/2015 02:13	731.64	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
< 1718

Kiln Temperature must be > 1718 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	in Combu stion Zone?	Automatic Waste Feed Cutoff?
326	02/14/2015 02:14	731.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
327	02/14/2015 02:15	731.45	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
328	02/14/2015 02:16	731.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
329	02/14/2015 02:17	731.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
330	02/14/2015 02:18	731.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
331	02/14/2015 02:19	731.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
332	02/14/2015 02:20	731.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
333	02/14/2015 02:21	731.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
334	02/14/2015 02:22	731.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
335	02/14/2015 02:23	731.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
336	02/14/2015 02:24	731.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
337	02/14/2015 02:25	731.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
338	02/14/2015 02:26	731.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
339	02/14/2015 02:27	731.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
340	02/18/2015 17:38	1717.31	Malfunction Instrument	unit.	Retention	Yes	Yes
341	02/18/2015 17:39	1715.88	Malfunction Instrument	unit.	Retention	Yes	Yes
342	02/18/2015 17:40	1715.88	Malfunction Instrument	unit.	Retention	Yes	Yes
343	02/18/2015 17:41	1714.84	Malfunction Instrument	unit.	Retention	Yes	Yes
344	02/18/2015 17:42	1715.09	Malfunction Instrument	unit.	Retention	Yes	Yes
345	02/18/2015 17:43	1715.09	Malfunction Instrument	unit.	Retention	Yes	Yes
346	02/18/2015 17:44	1716.47	Malfunction Instrument	unit.	Retention	Yes	Yes
347	02/18/2015 17:45	1717.16	Malfunction Instrument	unit.	Retention	Yes	Yes
348	02/18/2015 17:46	1717.16	Malfunction Instrument	unit.	Retention	Yes	Yes
		348	Total Minutes in Exceedance				
		4	Number of Events				

Temperature is Report
on a One Hour
Average

**SCC Temperature
Summary
< 1747**

SCC Temperature must be sufficient while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
01/06/2015 06:08	1008.7	169	Malfunction Power Failure	Repaired UPS. Restarted unit.
02/09/2015 09:30	1735.8	8	Malfunction Prior AWFCO	Restarted fan and unit
02/13/2015 23:46	731.3	162	Malfunction Boiler Tube	Shutdown unit. Repaired tube.
02/18/2015 17:38	1741.5	6	Malfunction Instrument	Repaired level indicator. Restarted unit.
		176	Total Minutes	

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1747

SCC Temperature must be > 1747 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	01/06/2015 06:08	1737.95	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
2	01/06/2015 06:09	1727.54	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
3	01/06/2015 06:10	1716.82	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
4	01/06/2015 06:11	1705.76	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
5	01/06/2015 06:12	1694.50	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
6	01/06/2015 06:13	1683.05	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
7	01/06/2015 06:14	1671.49	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
8	01/06/2015 06:15	1659.73	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
9	01/06/2015 06:16	1647.68	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
10	01/06/2015 06:17	1635.30	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
11	01/06/2015 06:18	1622.34	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
12	01/06/2015 06:19	1608.87	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
13	01/06/2015 06:20	1594.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
14	01/06/2015 06:21	1580.59	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
15	01/06/2015 06:22	1566.39	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
16	01/06/2015 06:23	1552.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
17	01/06/2015 06:24	1538.07	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
18	01/06/2015 06:25	1524.05	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
19	01/06/2015 06:26	1510.00	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
20	01/06/2015 06:27	1495.77	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
21	01/06/2015 06:28	1481.42	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
22	01/06/2015 06:29	1466.92	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
23	01/06/2015 06:30	1452.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
24	01/06/2015 06:31	1437.58	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
25	01/06/2015 06:32	1422.82	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
26	01/06/2015 06:33	1408.02	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
27	01/06/2015 06:34	1393.21	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
28	01/06/2015 06:35	1378.42	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
29	01/06/2015 06:36	1363.75	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
30	01/06/2015 06:37	1349.11	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
31	01/06/2015 06:38	1334.41	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
32	01/06/2015 06:39	1319.53	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
33	01/06/2015 06:40	1304.37	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
34	01/06/2015 06:41	1288.88	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
35	01/06/2015 06:42	1273.18	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
36	01/06/2015 06:43	1257.40	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
37	01/06/2015 06:44	1241.91	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
38	01/06/2015 06:45	1226.91	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
39	01/06/2015 06:46	1212.55	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
40	01/06/2015 06:47	1198.85	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
41	01/06/2015 06:48	1185.57	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
42	01/06/2015 06:49	1172.62	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
43	01/06/2015 06:50	1159.98	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
44	01/06/2015 06:51	1147.62	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
45	01/06/2015 06:52	1135.56	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
46	01/06/2015 06:53	1123.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
47	01/06/2015 06:54	1112.26	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
48	01/06/2015 06:55	1100.76	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
49	01/06/2015 06:56	1088.98	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
50	01/06/2015 06:57	1076.68	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
51	01/06/2015 06:58	1063.79	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
52	01/06/2015 06:59	1050.43	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
53	01/06/2015 07:00	1036.86	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
54	01/06/2015 07:01	1046.70	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
55	01/06/2015 07:02	1040.83	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
56	01/06/2015 07:03	1035.55	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
57	01/06/2015 07:04	1030.71	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
58	01/06/2015 07:05	1026.26	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
59	01/06/2015 07:06	1022.33	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
60	01/06/2015 07:07	1019.12	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
61	01/06/2015 07:08	1016.49	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
62	01/06/2015 07:09	1014.35	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
63	01/06/2015 07:10	1012.64	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
64	01/06/2015 07:11	1011.28	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1747

SCC Temperature must be > 1747 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Tempera ture (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste In Combu stion Zone?	Automatic Waste Feed Cutoff?
65	01/06/2015 07:12	1010.23	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
66	01/06/2015 07:13	1009.47	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
67	01/06/2015 07:14	1008.96	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
68	01/06/2015 07:15	1008.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
69	01/06/2015 07:16	1008.65	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
70	01/06/2015 07:17	1008.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
71	01/06/2015 07:18	1009.17	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
72	01/06/2015 07:19	1009.70	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
73	01/06/2015 07:20	1010.39	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
74	01/06/2015 07:21	1011.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
75	01/06/2015 07:22	1012.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
76	01/06/2015 07:23	1013.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
77	01/06/2015 07:24	1014.20	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
78	01/06/2015 07:25	1015.24	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
79	01/06/2015 07:26	1016.32	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
80	01/06/2015 07:27	1017.46	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
81	01/06/2015 07:28	1018.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
82	01/06/2015 07:29	1020.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
83	01/06/2015 07:30	1021.62	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
84	01/06/2015 07:31	1023.30	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
85	01/06/2015 07:32	1025.12	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
86	01/06/2015 07:33	1027.04	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
87	01/06/2015 07:34	1029.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
88	01/06/2015 07:35	1031.25	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
89	01/06/2015 07:36	1033.53	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
90	01/06/2015 07:37	1035.93	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
91	01/06/2015 07:38	1038.45	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
92	01/06/2015 07:39	1041.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
93	01/06/2015 07:40	1043.86	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
94	01/06/2015 07:41	1046.71	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
95	01/06/2015 07:42	1049.65	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
96	01/06/2015 07:43	1052.60	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
97	01/06/2015 07:44	1055.23	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
98	01/06/2015 07:45	1057.34	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
99	01/06/2015 07:46	1058.78	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
100	01/06/2015 07:47	1059.54	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
101	01/06/2015 07:48	1059.88	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
102	01/06/2015 07:49	1060.01	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
103	01/06/2015 07:50	1059.97	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
104	01/06/2015 07:51	1059.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
105	01/06/2015 07:52	1059.52	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
106	01/06/2015 07:53	1059.13	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
107	01/06/2015 07:54	1058.68	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
108	01/06/2015 07:55	1058.21	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
109	01/06/2015 07:56	1057.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
110	01/06/2015 07:57	1057.25	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
111	01/06/2015 07:58	1056.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
112	01/06/2015 07:59	1056.20	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
113	01/06/2015 08:00	1055.64	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
114	01/06/2015 08:01	1055.06	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
115	01/06/2015 08:02	1054.49	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
116	01/06/2015 08:03	1053.91	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
117	01/06/2015 08:04	1053.33	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
118	01/06/2015 08:05	1052.73	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
119	01/06/2015 08:06	1052.07	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
120	01/06/2015 08:07	1051.37	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
121	01/06/2015 08:08	1050.63	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
122	01/06/2015 08:09	1049.86	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
123	01/06/2015 08:10	1049.07	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
124	01/06/2015 08:11	1048.26	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
125	01/06/2015 08:12	1047.43	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
126	01/06/2015 08:13	1046.57	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
127	01/06/2015 08:14	1045.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
128	01/06/2015 08:15	1044.79	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1747

SCC Temperature must be > 1747 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
129	01/06/2015 08:16	1043.88	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
130	01/06/2015 08:17	1043.02	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
131	01/06/2015 08:18	1045.61	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
132	01/06/2015 08:19	1049.30	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
133	01/06/2015 08:20	1054.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
134	01/06/2015 08:21	1059.85	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
135	01/06/2015 08:22	1065.76	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
136	01/06/2015 08:23	1072.11	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
137	01/06/2015 08:24	1078.43	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
138	01/06/2015 08:25	1084.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
139	01/06/2015 08:26	1089.03	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
140	01/06/2015 08:27	1093.46	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
141	01/06/2015 08:28	1097.91	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
142	01/06/2015 08:29	1102.97	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
143	01/06/2015 08:30	1108.83	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
144	01/06/2015 08:31	1115.50	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
145	01/06/2015 08:32	1123.24	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
146	01/06/2015 08:33	1132.29	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
147	01/06/2015 08:34	1142.72	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
148	01/06/2015 08:35	1154.03	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
149	01/06/2015 08:36	1165.86	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
150	01/06/2015 08:37	1177.65	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
151	01/06/2015 08:38	1189.14	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
152	01/06/2015 08:39	1200.50	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
153	01/06/2015 08:40	1211.66	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
154	01/06/2015 08:41	1223.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
155	01/06/2015 08:42	1235.04	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
156	01/06/2015 08:43	1247.03	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
157	01/06/2015 08:44	1259.12	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
158	01/06/2015 08:45	1270.71	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
159	01/06/2015 08:46	1281.95	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
160	01/06/2015 08:47	1292.94	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
161	01/06/2015 08:48	1303.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
162	01/06/2015 08:49	1314.70	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
163	01/06/2015 08:50	1325.76	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
164	01/06/2015 08:51	1336.95	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
165	01/06/2015 08:52	1348.31	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
166	01/06/2015 08:53	1359.87	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
167	01/06/2015 08:54	1371.58	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
168	01/06/2015 08:55	1383.44	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
169	01/06/2015 08:56	1395.49	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
170	02/09/2015 09:30	1745.03	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
171	02/09/2015 09:31	1740.69	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
172	02/09/2015 09:32	1737.53	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
173	02/09/2015 09:33	1735.84	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
174	02/09/2015 09:34	1736.28	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
175	02/09/2015 09:35	1738.84	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
176	02/09/2015 09:36	1742.53	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
177	02/09/2015 09:37	1745.91	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
178	02/13/2015 23:46	1746.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
179	02/13/2015 23:47	1724.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
180	02/13/2015 23:48	1702.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
181	02/13/2015 23:49	1679.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
182	02/13/2015 23:50	1657.63	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
183	02/13/2015 23:51	1635.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
184	02/13/2015 23:52	1616.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
185	02/13/2015 23:53	1596.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
186	02/13/2015 23:54	1574.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
187	02/13/2015 23:55	1552.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
188	02/13/2015 23:56	1531.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
189	02/13/2015 23:57	1510.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
190	02/13/2015 23:58	1489.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
191	02/13/2015 23:59	1469.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
192	02/14/2015 00:00	1448.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1747

SCC Temperature must be > 1747 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
193	02/14/2015 00:01	1427.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
194	02/14/2015 00:02	1406.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
195	02/14/2015 00:03	1363.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
196	02/14/2015 00:04	1342.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
197	02/14/2015 00:05	1321.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
198	02/14/2015 00:06	1321.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
199	02/14/2015 00:07	1280.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
200	02/14/2015 00:08	1260.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
201	02/14/2015 00:09	1260.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
202	02/14/2015 00:10	1240.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
203	02/14/2015 00:11	1220.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
204	02/14/2015 00:12	1199.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
205	02/14/2015 00:13	1179.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
206	02/14/2015 00:14	1159.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
207	02/14/2015 00:15	1138.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
208	02/14/2015 00:16	1096.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
209	02/14/2015 00:17	1096.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
210	02/14/2015 00:18	1076.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
211	02/14/2015 00:19	1055.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
212	02/14/2015 00:20	1036.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
213	02/14/2015 00:21	1016.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
214	02/14/2015 00:22	997.05	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
215	02/14/2015 00:23	957.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
216	02/14/2015 00:24	938.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
217	02/14/2015 00:25	938.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
218	02/14/2015 00:26	918.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
219	02/14/2015 00:27	898.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
220	02/14/2015 00:28	878.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
221	02/14/2015 00:29	858.89	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
222	02/14/2015 00:30	818.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
223	02/14/2015 00:31	797.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
224	02/14/2015 00:32	776.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
225	02/14/2015 00:33	776.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
226	02/14/2015 00:34	756.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
227	02/14/2015 00:35	743.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
228	02/14/2015 00:36	731.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
229	02/14/2015 00:37	731.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
230	02/14/2015 00:38	731.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
231	02/14/2015 00:39	731.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
232	02/14/2015 00:40	731.52	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
233	02/14/2015 00:41	731.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
234	02/14/2015 00:42	731.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
235	02/14/2015 00:43	731.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
236	02/14/2015 00:44	731.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
237	02/14/2015 00:45	731.64	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
238	02/14/2015 00:46	731.64	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
239	02/14/2015 00:47	731.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
240	02/14/2015 00:48	731.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
241	02/14/2015 00:49	731.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
242	02/14/2015 00:50	731.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
243	02/14/2015 00:51	731.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
244	02/14/2015 00:52	732.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
245	02/14/2015 00:53	732.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
246	02/14/2015 00:54	732.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
247	02/14/2015 00:55	732.23	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
248	02/14/2015 00:56	732.30	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
249	02/14/2015 00:57	732.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
250	02/14/2015 00:58	732.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
251	02/14/2015 00:59	732.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
252	02/14/2015 01:00	732.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
253	02/14/2015 01:01	732.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
254	02/14/2015 01:02	732.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
255	02/14/2015 01:03	732.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
256	02/14/2015 01:04	732.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1747

SCC Temperature must be > 1747 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Inclinator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
257	02/14/2015 01:05	732.86	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
258	02/14/2015 01:06	732.89	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
259	02/14/2015 01:07	732.92	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
260	02/14/2015 01:08	732.92	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
261	02/14/2015 01:09	732.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
262	02/14/2015 01:10	732.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
263	02/14/2015 01:11	733.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
264	02/14/2015 01:12	733.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
265	02/14/2015 01:13	733.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
266	02/14/2015 01:14	733.08	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
267	02/14/2015 01:15	733.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
268	02/14/2015 01:16	733.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
269	02/14/2015 01:17	733.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
270	02/14/2015 01:18	733.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
271	02/14/2015 01:19	733.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
272	02/14/2015 01:20	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
273	02/14/2015 01:21	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
274	02/14/2015 01:22	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
275	02/14/2015 01:23	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
276	02/14/2015 01:24	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
277	02/14/2015 01:25	733.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
278	02/14/2015 01:26	733.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
279	02/14/2015 01:27	733.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
280	02/14/2015 01:28	733.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
281	02/14/2015 01:29	733.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
282	02/14/2015 01:30	733.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
283	02/14/2015 01:31	733.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
284	02/14/2015 01:32	733.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
285	02/14/2015 01:33	733.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
286	02/14/2015 01:34	732.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
287	02/14/2015 01:35	732.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
288	02/14/2015 01:36	732.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
289	02/14/2015 01:37	732.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
290	02/14/2015 01:38	732.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
291	02/14/2015 01:39	732.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
292	02/14/2015 01:40	732.78	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
293	02/14/2015 01:41	732.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
294	02/14/2015 01:42	732.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
295	02/14/2015 01:43	732.67	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
296	02/14/2015 01:44	732.64	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
297	02/14/2015 01:45	732.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
298	02/14/2015 01:46	732.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
299	02/14/2015 01:47	732.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
300	02/14/2015 01:48	732.52	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
301	02/14/2015 01:49	732.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
302	02/14/2015 01:50	732.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
303	02/14/2015 01:51	732.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
304	02/14/2015 01:52	732.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
305	02/14/2015 01:53	732.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
306	02/14/2015 01:54	732.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
307	02/14/2015 01:55	732.23	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
308	02/14/2015 01:56	732.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
309	02/14/2015 01:57	732.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
310	02/14/2015 01:58	732.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
311	02/14/2015 01:59	732.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
312	02/14/2015 02:00	732.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
313	02/14/2015 02:01	732.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
314	02/14/2015 02:02	731.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
315	02/14/2015 02:03	731.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
316	02/14/2015 02:04	731.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
317	02/14/2015 02:05	731.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
318	02/14/2015 02:06	731.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
319	02/14/2015 02:07	731.83	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
320	02/14/2015 02:08	731.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1747

SCC Temperature must be > 1747 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combu stion Zone?	Automatic Waste Feed Cutoff?
321	02/14/2015 02:09	731.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
322	02/14/2015 02:10	731.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
323	02/14/2015 02:11	731.73	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
324	02/14/2015 02:12	731.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
325	02/14/2015 02:13	731.70	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
326	02/14/2015 02:14	731.67	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
327	02/14/2015 02:15	731.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
328	02/14/2015 02:16	731.63	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
329	02/14/2015 02:17	731.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
330	02/14/2015 02:18	731.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
331	02/14/2015 02:19	731.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
332	02/14/2015 02:20	731.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
333	02/14/2015 02:21	731.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
334	02/14/2015 02:22	731.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
335	02/14/2015 02:23	731.45	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
336	02/14/2015 02:24	731.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
337	02/14/2015 02:25	731.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
338	02/14/2015 02:26	731.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
339	02/14/2015 02:27	731.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
340	02/18/2015 17:38	1742.31	Malfunction Instrument	unit.	Retention	Yes	Yes
341	02/18/2015 17:39	1741.50	Malfunction Instrument	unit.	Retention	Yes	Yes
342	02/18/2015 17:40	1741.50	Malfunction Instrument	unit.	Retention	Yes	Yes
343	02/18/2015 17:41	1742.84	Malfunction Instrument	unit.	Retention	Yes	Yes
344	02/18/2015 17:42	1744.44	Malfunction Instrument	unit.	Retention	Yes	Yes
345	02/18/2015 17:43	1744.44	Malfunction Instrument	unit.	Retention	Yes	Yes
		345	Total Minutes in Exceedance				
		4	Number of Events				

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Summary

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

Date	MAXIMUM PPM	Duration (min)	Reason	Corrective Action
Waste				
01/01/2015 15:31	10.4	58	Malfunction Lance Plugging	Cleared lance. Restarted unit.
01/03/2015 18:08	12.9	37	Malfunction Tank Layering	Reduced feeds. Restarted unit.
01/08/2015 03:38	10.0	1	Malfunction Lance Plugging	Cleaned lance. Restarted unit.
01/08/2015 03:48	12.0	32	Malfunction Lance Plugging	Cleaned lance. Restarted unit.
01/09/2015 00:24	15.9	56	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.
01/09/2015 20:39	15.4	54	Operator Error Poor Operation	Increased air flow. Restarted unit.
02/01/2015 19:36	11.4	58	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.
02/13/2015 23:35	347.6	170	Malfunction Boiler Tube	Shutdown unit. Repaired tube.
02/22/2015 23:19	13.5	59	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.
03/04/2015 21:24	15.5	42	Malfunction Tank Layering	Reduced flow. Restarted unit.
03/05/2015 10:55	11.0	57	Operator Error Flow Increase	Reduced flow. Restarted unit.
03/14/2015 01:01	15.8	60	Malfunction Lance Plugging	Cleared lance. Restarted unit.
		684	Total Minutes	
Fuels				
03/24/2015 20:41	20.2	67	Shutdown - Scrubber Inspection	Adjusted Burner
		67	Total Minutes	
			Total Emissions for the Quarter	
		267	(LBS)	
		0.13	(Tons)	

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
1st Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
1st Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
70	01/03/2015 18:19	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
71	01/03/2015 18:20	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
72	01/03/2015 18:21	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
73	01/03/2015 18:22	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
74	01/03/2015 18:23	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
75	01/03/2015 18:24	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
76	01/03/2015 18:25	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
77	01/03/2015 18:26	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
78	01/03/2015 18:27	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
79	01/03/2015 18:28	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
80	01/03/2015 18:29	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
81	01/03/2015 18:30	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
82	01/03/2015 18:31	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
83	01/03/2015 18:32	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
84	01/03/2015 18:33	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
85	01/03/2015 18:34	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
86	01/03/2015 18:35	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
87	01/03/2015 18:36	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
88	01/03/2015 18:37	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
89	01/03/2015 18:38	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
90	01/03/2015 18:39	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
91	01/03/2015 18:40	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
92	01/03/2015 18:41	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
93	01/03/2015 18:42	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
94	01/03/2015 18:43	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
95	01/03/2015 18:44	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
96	01/08/2015 03:38	10.01	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
97	01/08/2015 03:48	11.08	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
98	01/08/2015 03:49	11.71	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
99	01/08/2015 03:50	11.87	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
100	01/08/2015 03:51	11.90	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
101	01/08/2015 03:52	11.91	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
102	01/08/2015 03:53	11.91	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
103	01/08/2015 03:54	11.93	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
104	01/08/2015 03:55	11.93	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
105	01/08/2015 03:56	11.93	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
106	01/08/2015 03:57	11.93	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
107	01/08/2015 03:58	11.93	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
108	01/08/2015 03:59	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
109	01/08/2015 04:00	12.00	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
110	01/08/2015 04:01	12.00	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
111	01/08/2015 04:02	12.00	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
112	01/08/2015 04:03	12.00	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
113	01/08/2015 04:04	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
114	01/08/2015 04:05	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
115	01/08/2015 04:06	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
116	01/08/2015 04:07	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
117	01/08/2015 04:08	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
118	01/08/2015 04:09	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
119	01/08/2015 04:10	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
120	01/08/2015 04:11	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
121	01/08/2015 04:12	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
122	01/08/2015 04:13	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
123	01/08/2015 04:14	11.87	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
124	01/08/2015 04:15	11.78	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
125	01/08/2015 04:16	11.77	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
126	01/08/2015 04:17	11.12	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
127	01/08/2015 04:18	10.77	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
128	01/08/2015 04:19	10.37	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
129	01/09/2015 00:24	11.52	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Waste	Yes	Yes
130	01/09/2015 00:25	14.47	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
131	01/09/2015 00:26	15.56	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
132	01/09/2015 00:27	15.91	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
133	01/09/2015 00:28	13.43	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
134	01/09/2015 00:29	12.34	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
135	01/09/2015 00:30	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
136	01/09/2015 00:31	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
137	01/09/2015 00:32	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
138	01/09/2015 00:33	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
1st Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

		>10 PPM						
	Date	Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?	
208	01/09/2015 21:02	14.57	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
209	01/09/2015 21:03	14.88	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
210	01/09/2015 21:04	15.05	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
211	01/09/2015 21:05	15.13	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
212	01/09/2015 21:06	15.23	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
213	01/09/2015 21:07	15.24	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
214	01/09/2015 21:08	15.36	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
215	01/09/2015 21:09	15.42	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
216	01/09/2015 21:10	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
217	01/09/2015 21:11	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
218	01/09/2015 21:12	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
219	01/09/2015 21:13	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
220	01/09/2015 21:14	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
221	01/09/2015 21:15	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
222	01/09/2015 21:16	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
223	01/09/2015 21:17	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
224	01/09/2015 21:18	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
225	01/09/2015 21:19	14.96	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
226	01/09/2015 21:20	14.72	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
227	01/09/2015 21:21	14.56	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
228	01/09/2015 21:22	14.41	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
229	01/09/2015 21:23	14.33	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
230	01/09/2015 21:24	14.24	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
231	01/09/2015 21:25	14.23	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
232	01/09/2015 21:26	14.23	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
233	01/09/2015 21:27	12.58	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
234	01/09/2015 21:28	11.95	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
235	01/09/2015 21:29	11.77	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
236	01/09/2015 21:30	10.47	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
237	01/09/2015 21:31	10.12	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
238	01/09/2015 21:32	10.06	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes	
239	02/01/2015 19:36	10.73	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Waste	Yes	Yes	
240	02/01/2015 19:37	11.25	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Waste	Yes	Yes	
241	02/01/2015 19:38	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
242	02/01/2015 19:39	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
243	02/01/2015 19:40	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
244	02/01/2015 19:41	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
245	02/01/2015 19:42	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
246	02/01/2015 19:43	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
247	02/01/2015 19:44	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
248	02/01/2015 19:45	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
249	02/01/2015 19:46	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
250	02/01/2015 19:47	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
251	02/01/2015 19:48	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
252	02/01/2015 19:49	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
253	02/01/2015 19:50	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
254	02/01/2015 19:51	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
255	02/01/2015 19:52	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
256	02/01/2015 19:53	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
257	02/01/2015 19:54	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
258	02/01/2015 19:55	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
259	02/01/2015 19:56	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
260	02/01/2015 19:57	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
261	02/01/2015 19:58	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
262	02/01/2015 19:59	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
263	02/01/2015 20:00	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
264	02/01/2015 20:01	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
265	02/01/2015 20:02	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
266	02/01/2015 20:03	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
267	02/01/2015 20:04	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
268	02/01/2015 20:05	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
269	02/01/2015 20:06	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
270	02/01/2015 20:07	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
271	02/01/2015 20:08	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
272	02/01/2015 20:09	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
273	02/01/2015 20:10	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
274	02/01/2015 20:11	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
275	02/01/2015 20:12	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	
276	02/01/2015 20:13	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes	

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
277	02/01/2015 20:14	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
278	02/01/2015 20:15	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
279	02/01/2015 20:16	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
280	02/01/2015 20:17	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
281	02/01/2015 20:18	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
282	02/01/2015 20:19	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
283	02/01/2015 20:20	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
284	02/01/2015 20:21	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
285	02/01/2015 20:22	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
286	02/01/2015 20:23	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
287	02/01/2015 20:24	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
288	02/01/2015 20:25	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
289	02/01/2015 20:26	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
290	02/01/2015 20:27	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
291	02/01/2015 20:28	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
292	02/01/2015 20:29	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
293	02/01/2015 20:30	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
294	02/01/2015 20:31	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
295	02/01/2015 20:32	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
296	02/01/2015 20:33	10.78	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
297	02/13/2015 23:35	11.96	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
298	02/13/2015 23:36	11.96	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
299	02/13/2015 23:37	11.96	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
300	02/13/2015 23:38	27.52	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
301	02/13/2015 23:39	38.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
302	02/13/2015 23:40	52.32	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
303	02/13/2015 23:41	69.23	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
304	02/13/2015 23:42	82.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
305	02/13/2015 23:43	93.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
306	02/13/2015 23:44	104.51	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
307	02/13/2015 23:45	113.68	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
308	02/13/2015 23:46	121.89	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
309	02/13/2015 23:47	129.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
310	02/13/2015 23:48	136.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
311	02/13/2015 23:49	142.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
312	02/13/2015 23:50	148.96	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
313	02/13/2015 23:51	155.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
314	02/13/2015 23:52	162.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
315	02/13/2015 23:53	168.40	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
316	02/13/2015 23:54	174.63	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
317	02/13/2015 23:55	180.74	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
318	02/13/2015 23:56	187.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
319	02/13/2015 23:57	192.92	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
320	02/13/2015 23:58	198.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
321	02/13/2015 23:59	204.46	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
322	02/14/2015 00:00	209.93	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
323	02/14/2015 00:01	215.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
324	02/14/2015 00:02	220.32	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
325	02/14/2015 00:03	225.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
326	02/14/2015 00:04	229.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
327	02/14/2015 00:05	234.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
328	02/14/2015 00:06	238.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
329	02/14/2015 00:07	242.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
330	02/14/2015 00:08	246.48	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
331	02/14/2015 00:09	250.40	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
332	02/14/2015 00:10	254.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
333	02/14/2015 00:11	258.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
334	02/14/2015 00:12	261.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
335	02/14/2015 00:13	265.92	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
336	02/14/2015 00:14	269.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
337	02/14/2015 00:15	273.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
338	02/14/2015 00:16	277.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
339	02/14/2015 00:17	281.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
340	02/14/2015 00:18	285.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
341	02/14/2015 00:19	288.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
342	02/14/2015 00:20	292.95	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
343	02/14/2015 00:21	296.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
344	02/14/2015 00:22	300.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
345	02/14/2015 00:23	304.35	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
1st Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
346	02/14/2015 00:24	308.05	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
347	02/14/2015 00:25	311.60	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
348	02/14/2015 00:26	315.02	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
349	02/14/2015 00:27	318.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
350	02/14/2015 00:28	321.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
351	02/14/2015 00:29	321.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
352	02/14/2015 00:30	328.21	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
353	02/14/2015 00:31	331.51	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
354	02/14/2015 00:32	334.68	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
355	02/14/2015 00:33	337.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
356	02/14/2015 00:34	341.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
357	02/14/2015 00:35	341.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
358	02/14/2015 00:36	347.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
359	02/14/2015 00:37	339.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
360	02/14/2015 00:38	328.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
361	02/14/2015 00:39	324.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
362	02/14/2015 00:40	319.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
363	02/14/2015 00:41	308.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
364	02/14/2015 00:42	300.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
365	02/14/2015 00:43	292.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
366	02/14/2015 00:44	285.30	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
367	02/14/2015 00:45	278.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
368	02/14/2015 00:46	272.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
369	02/14/2015 00:47	266.62	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
370	02/14/2015 00:48	261.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
371	02/14/2015 00:49	256.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
372	02/14/2015 00:50	251.12	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
373	02/14/2015 00:51	245.68	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
374	02/14/2015 00:52	240.01	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
375	02/14/2015 00:53	234.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
376	02/14/2015 00:54	229.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
377	02/14/2015 00:55	224.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
378	02/14/2015 00:56	219.08	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
379	02/14/2015 00:57	214.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
380	02/14/2015 00:58	209.18	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
381	02/14/2015 00:59	204.29	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
382	02/14/2015 01:00	199.49	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
383	02/14/2015 01:01	194.78	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
384	02/14/2015 01:02	190.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
385	02/14/2015 01:03	185.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
386	02/14/2015 01:04	181.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
387	02/14/2015 01:05	177.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
388	02/14/2015 01:06	173.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
389	02/14/2015 01:07	170.05	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
390	02/14/2015 01:08	166.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
391	02/14/2015 01:09	163.04	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
392	02/14/2015 01:10	159.60	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
393	02/14/2015 01:11	156.18	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
394	02/14/2015 01:12	152.79	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
395	02/14/2015 01:13	149.32	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
396	02/14/2015 01:14	145.86	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
397	02/14/2015 01:15	142.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
398	02/14/2015 01:16	139.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
399	02/14/2015 01:17	135.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
400	02/14/2015 01:18	132.76	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
401	02/14/2015 01:19	129.82	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
402	02/14/2015 01:20	127.02	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
403	02/14/2015 01:21	124.30	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
404	02/14/2015 01:22	121.76	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
405	02/14/2015 01:23	119.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
406	02/14/2015 01:24	116.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
407	02/14/2015 01:25	113.86	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
408	02/14/2015 01:26	111.37	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
409	02/14/2015 01:27	108.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
410	02/14/2015 01:28	106.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
411	02/14/2015 01:29	103.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
412	02/14/2015 01:30	100.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
413	02/14/2015 01:31	97.18	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
414	02/14/2015 01:32	94.29	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
1st Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
415	02/14/2015 01:33	91.36	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
416	02/14/2015 01:34	88.38	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
417	02/14/2015 01:35	85.39	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
418	02/14/2015 01:36	82.29	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
419	02/14/2015 01:37	78.40	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
420	02/14/2015 01:38	74.24	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
421	02/14/2015 01:39	67.72	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
422	02/14/2015 01:40	59.16	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
423	02/14/2015 01:41	52.65	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
424	02/14/2015 01:42	48.03	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
425	02/14/2015 01:43	44.42	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
426	02/14/2015 01:44	41.33	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
427	02/14/2015 01:45	38.66	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
428	02/14/2015 01:46	36.80	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
429	02/14/2015 01:47	35.44	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
430	02/14/2015 01:48	34.17	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
431	02/14/2015 01:49	32.96	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
432	02/14/2015 01:50	31.79	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
433	02/14/2015 01:51	30.80	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
434	02/14/2015 01:52	30.00	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
435	02/14/2015 01:53	29.26	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
436	02/14/2015 01:54	28.33	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
437	02/14/2015 01:55	27.34	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
438	02/14/2015 01:56	26.46	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
439	02/14/2015 01:57	25.65	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
440	02/14/2015 01:58	24.85	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
441	02/14/2015 01:59	24.14	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
442	02/14/2015 02:00	23.57	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
443	02/14/2015 02:01	23.09	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
444	02/14/2015 02:02	22.66	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
445	02/14/2015 02:03	22.66	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
446	02/14/2015 02:04	21.92	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
447	02/14/2015 02:05	21.59	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
448	02/14/2015 02:06	21.27	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
449	02/14/2015 02:07	20.96	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
450	02/14/2015 02:08	20.65	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
451	02/14/2015 02:09	20.32	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
452	02/14/2015 02:10	19.98	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
453	02/14/2015 02:11	19.61	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
454	02/14/2015 02:12	19.21	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
455	02/14/2015 02:13	18.81	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
456	02/14/2015 02:14	18.38	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
457	02/14/2015 02:15	17.92	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
458	02/14/2015 02:16	17.48	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
459	02/14/2015 02:17	17.09	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
460	02/14/2015 02:18	16.54	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
461	02/14/2015 02:19	15.66	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
462	02/14/2015 02:20	14.54	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
463	02/14/2015 02:21	13.43	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
464	02/14/2015 02:22	12.21	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
465	02/14/2015 02:23	11.16	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
466	02/14/2015 02:24	10.30	Mallfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
467	02/22/2015 23:19	11.69	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
468	02/22/2015 23:20	11.69	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
469	02/22/2015 23:21	13.39	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
470	02/22/2015 23:22	13.49	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
471	02/22/2015 23:23	13.49	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
472	02/22/2015 23:24	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
473	02/22/2015 23:25	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
474	02/22/2015 23:26	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
475	02/22/2015 23:27	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
476	02/22/2015 23:28	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
477	02/22/2015 23:29	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
478	02/22/2015 23:30	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
479	02/22/2015 23:31	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
480	02/22/2015 23:32	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
481	02/22/2015 23:33	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
482	02/22/2015 23:34	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
483	02/22/2015 23:35	13.51	Mallfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
1st Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
1st Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
1st Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

Heritage Thermal Services
1st Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
1st Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	03/24/2015 20:41	12.40	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
2	03/24/2015 20:42	14.13	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
3	03/24/2015 20:43	15.17	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
4	03/24/2015 20:44	15.80	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
5	03/24/2015 20:45	16.23	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
6	03/24/2015 20:46	16.32	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
7	03/24/2015 20:47	16.46	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
8	03/24/2015 20:48	17.36	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
9	03/24/2015 20:49	18.13	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
10	03/24/2015 20:50	18.56	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
11	03/24/2015 20:51	18.77	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
12	03/24/2015 20:52	18.82	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
13	03/24/2015 20:53	18.73	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
14	03/24/2015 20:54	18.67	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
15	03/24/2015 20:55	19.31	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
16	03/24/2015 20:56	19.86	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
17	03/24/2015 20:57	20.16	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
18	03/24/2015 20:58	20.21	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
19	03/24/2015 20:59	20.18	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
20	03/24/2015 21:00	20.03	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
21	03/24/2015 21:01	19.85	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
22	03/24/2015 21:02	19.64	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
23	03/24/2015 21:03	19.43	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
24	03/24/2015 21:04	19.18	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
25	03/24/2015 21:05	19.29	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
26	03/24/2015 21:06	19.57	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
27	03/24/2015 21:07	19.74	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
28	03/24/2015 21:08	19.79	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
29	03/24/2015 21:09	19.78	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
30	03/24/2015 21:10	19.74	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
31	03/24/2015 21:11	19.61	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
32	03/24/2015 21:12	19.51	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
33	03/24/2015 21:13	19.23	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
34	03/24/2015 21:14	18.87	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
35	03/24/2015 21:15	18.51	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
36	03/24/2015 21:16	18.14	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
37	03/24/2015 21:17	17.78	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
38	03/24/2015 21:18	17.43	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
39	03/24/2015 21:19	17.10	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
40	03/24/2015 21:20	16.79	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
41	03/24/2015 21:21	16.49	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
42	03/24/2015 21:22	16.20	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
43	03/24/2015 21:23	15.91	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
44	03/24/2015 21:24	15.63	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
45	03/24/2015 21:25	15.36	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
46	03/24/2015 21:26	15.10	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
47	03/24/2015 21:27	14.85	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
48	03/24/2015 21:28	14.61	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
49	03/24/2015 21:29	14.37	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
50	03/24/2015 21:30	14.14	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
51	03/24/2015 21:31	13.91	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
52	03/24/2015 21:32	13.69	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
53	03/24/2015 21:33	13.48	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
54	03/24/2015 21:34	13.27	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
55	03/24/2015 21:35	13.06	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
56	03/24/2015 21:36	12.87	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
57	03/24/2015 21:37	12.75	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
58	03/24/2015 21:38	12.65	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
59	03/24/2015 21:39	12.58	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
60	03/24/2015 21:40	12.38	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
61	03/24/2015 21:41	12.03	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
62	03/24/2015 21:42	11.66	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
63	03/24/2015 21:43	11.30	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
64	03/24/2015 21:44	10.96	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
65	03/24/2015 21:45	10.63	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
66	03/24/2015 21:46	10.35	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
67	03/24/2015 21:47	10.05	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
1st Quarter 2015

Emissions Limits:
 1-Hour Average > 10 PPM
 while on Fuels

THC
Excess Emissions Report
Fuels

System #1
 California Analytical Instruments
 Model: 600-HFID
 SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
		67	Total Minutes in Exceedance				
		1	Number of Events				

System #2
 California Analytical Instruments
 Model: 600-HFID
 SN: U12055

Heritage Thermal Services
 1st Quarter 2015

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	15-Feb-15	08:03 AM	08:18 AM	15	Calibration Check
02-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	16-Feb-15	09:06 AM	09:28 AM	22	Calibration Check
03-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	17-Feb-15	06:39 AM	07:00 AM	21	Calibration Check
04-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	18-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
05-Jan-15	08:15 AM	08:30 AM	15	Calibration Check	19-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
06-Jan-15	07:34 AM	07:42 AM	8	Calibration Check	20-Feb-15	07:19 AM	07:40 AM	21	Calibration Check
07-Jan-15	06:56 AM	07:17 AM	21	Calibration Check	21-Feb-15	08:58 AM	09:20 AM	22	Calibration Check
08-Jan-15	07:05 AM	07:13 AM	8	Calibration Check	22-Feb-15	09:26 AM	09:47 AM	21	Calibration Check
09-Jan-15	05:49 AM	06:11 AM	22	Calibration Check	23-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
10-Jan-15	10:58 AM	11:19 AM	21	Calibration Check	24-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
11-Jan-15	07:00 AM	07:21 AM	21	Calibration Check	25-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
12-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	26-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
13-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	27-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
14-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	28-Feb-15	07:06 AM	07:27 AM	21	Calibration Check
15-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	01-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
16-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	02-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
17-Jan-15	08:00 AM	08:22 AM	22	Calibration Check	03-Mar-15	05:02 AM	05:23 AM	21	Calibration Check
18-Jan-15	09:17 AM	09:38 AM	21	Calibration Check	04-Mar-15	06:48 AM	07:10 AM	22	Calibration Check
19-Jan-15	06:28 AM	06:49 AM	21	Calibration Check	05-Mar-15	06:57 AM	07:19 AM	22	Calibration Check
20-Jan-15	06:21 AM	06:42 AM	21	Calibration Check	06-Mar-15	06:48 AM	07:09 AM	21	Calibration Check
21-Jan-15	06:36 AM	06:58 AM	22	Calibration Check	07-Mar-15	07:29 AM	07:50 AM	21	Calibration Check
22-Jan-15	06:49 AM	07:03 AM	14	Calibration Check	08-Mar-15	09:56 AM	10:18 AM	22	Calibration Check
23-Jan-15	06:23 AM	06:37 AM	14	Calibration Check	09-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
24-Jan-15	05:28 AM	05:49 AM	21	Calibration Check	10-Mar-15	06:49 AM	07:03 AM	14	Calibration Check
25-Jan-15	07:13 AM	07:27 AM	14	Calibration Check	11-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
26-Jan-15	07:29 AM	07:45 AM	16	Calibration Check	12-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
27-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	13-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
28-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	14-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
29-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	15-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
30-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	16-Mar-15	07:09 AM	07:30 AM	21	Calibration Check
31-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	17-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
01-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	18-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
02-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	19-Mar-15	06:38 AM	06:59 AM	21	Calibration Check
03-Feb-15	07:06 AM	07:28 AM	22	Calibration Check	19-Mar-15	07:10 AM	07:18 AM	8	Re-calibration
04-Feb-15	07:03 AM	07:24 AM	21	Calibration Check	20-Mar-15	06:48 AM	06:56 AM	8	Calibration Check
05-Feb-15	06:13 AM	06:34 AM	21	Calibration Check	21-Mar-15	05:07 AM	05:29 AM	22	Calibration Check
06-Feb-15	06:35 AM	06:57 AM	22	Calibration Check	22-Mar-15	06:39 PM	06:54 PM	15	Calibration Check
07-Feb-15	11:03 AM	11:24 AM	21	Calibration Check	23-Mar-15	03:20 PM	03:42 PM	22	Calibration Check
08-Feb-15	07:08 AM	07:29 AM	21	Calibration Check	24-Mar-15	06:05 AM	06:26 AM	21	Calibration Check
09-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	25-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
10-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	26-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
11-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	27-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
12-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	28-Mar-15	06:59 AM	07:08 AM	9	Calibration Check
13-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	29-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
14-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	30-Mar-15	06:52 AM	07:14 AM	22	Calibration Check
					31-Mar-15	05:29 AM	05:50 AM	21	Calibration Check
			Minutes					Minutes	
			892					919	
Total minutes for quality assurance:									
			Minutes						
			1811						

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	15-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
02-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	16-Feb-15	09:33 AM	09:44 AM	11	Calibration Check
03-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	17-Feb-15	07:04 AM	07:16 AM	12	Calibration Check
04-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	18-Feb-15	07:07 AM	07:18 AM	11	Calibration Check
05-Jan-15	07:58 AM	08:09 AM	11	Calibration Check	19-Feb-15	07:07 AM	07:19 AM	12	Calibration Check
06-Jan-15	07:28 AM	07:32 AM	4	Calibration Check	20-Feb-15	07:00 AM	07:11 AM	11	Calibration Check
07-Jan-15	07:40 AM	07:48 AM	8	Calibration Check	21-Feb-15	08:43 AM	08:54 AM	11	Calibration Check
08-Jan-15	07:35 AM	07:43 AM	8	Calibration Check	22-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
09-Jan-15	06:16 AM	06:25 AM	9	Calibration Check	23-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
10-Jan-15	11:24 AM	11:33 AM	9	Calibration Check	24-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
11-Jan-15	07:27 AM	07:35 AM	8	Calibration Check	25-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
12-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	26-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
13-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	27-Feb-15	06:50 AM	07:01 AM	11	Calibration Check
14-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	28-Feb-15	06:50 AM	07:01 AM	11	Calibration Check
15-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	01-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
16-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	02-Mar-15	06:46 AM	06:57 AM	11	Calibration Check
17-Jan-15	08:36 AM	08:48 AM	12	Calibration Check	03-Mar-15	05:29 AM	05:40 AM	11	Calibration Check
18-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	04-Mar-15	07:41 AM	07:46 AM	5	Calibration Check
19-Jan-15	06:54 AM	07:05 AM	11	Calibration Check	05-Mar-15	07:23 AM	07:34 AM	11	Calibration Check
20-Jan-15	06:47 AM	06:58 AM	11	Calibration Check	06-Mar-15	07:14 AM	07:25 AM	11	Calibration Check
21-Jan-15	07:03 AM	07:14 AM	11	Calibration Check	07-Mar-15	07:56 AM	08:07 AM	11	Calibration Check
22-Jan-15	07:07 AM	07:19 AM	12	Calibration Check	08-Mar-15	10:23 AM	10:34 AM	11	Calibration Check
23-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	09-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
24-Jan-15	05:59 AM	06:11 AM	12	Calibration Check	10-Mar-15	07:09 AM	07:20 AM	11	Calibration Check
25-Jan-15	07:34 AM	07:45 AM	11	Calibration Check	11-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
26-Jan-15	06:52 AM	07:03 AM	11	Calibration Check	12-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
27-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	13-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
28-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	14-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
29-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	15-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
30-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	16-Mar-15	07:39 AM	07:50 AM	11	Calibration Check
31-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	17-Mar-15	07:13 AM	07:24 AM	11	Calibration Check
01-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	18-Mar-15	07:12 AM	07:23 AM	11	Calibration Check
02-Feb-15	07:21 AM	07:29 AM	8	Calibration Check	19-Mar-15	07:25 AM	07:36 AM	11	Calibration Check
03-Feb-15	07:33 AM	07:44 AM	11	Calibration Check	20-Mar-15	07:08 AM	07:19 AM	11	Calibration Check
04-Feb-15	07:32 AM	07:43 AM	11	Calibration Check	21-Mar-15	05:41 AM	05:46 AM	5	Calibration Check
05-Feb-15	06:42 AM	06:53 AM	11	Calibration Check	22-Mar-15	12:08 PM	12:19 PM	11	Calibration Check
06-Feb-15	07:03 AM	07:14 AM	11	Calibration Check	23-Mar-15	07:40 AM	07:51 AM	11	Calibration Check
07-Feb-15	11:29 AM	11:40 AM	11	Calibration Check	24-Mar-15	06:31 AM	06:42 AM	11	Calibration Check
08-Feb-15	07:37 AM	07:48 AM	11	Calibration Check	25-Mar-15	06:15 AM	06:26 AM	11	Calibration Check
09-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	26-Mar-15	06:15 AM	06:26 AM	11	Calibration Check
10-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	27-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
11-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	28-Mar-15	07:13 AM	07:24 AM	11	Calibration Check
12-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	29-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
13-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	30-Mar-15	07:24 AM	07:35 AM	11	Calibration Check
14-Feb-15	06:47 AM	06:58 AM	11	Calibration Check	31-Mar-15	05:57 AM	06:08 AM	11	Calibration Check
			Minutes					Minutes	
			475					485	
Total minutes for quality assurance:									
			Minutes						
			960						

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

THC Monitors
1 and # 2
Downtime

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation	Coincidence
				THC #1			
WORK ON THIS ANALYZER							
1/25/2015	9:00 PM	9:08 PM	8	Checked for Drift	Manual Calibration	On Hazardous Waste	
3/15/2015	5:41 AM	5:51 AM	10	Checking Analyzer	None - Checked well	On Hazardous Waste	
OUT OF CONTROL PERIODS							
SYSTEM RECALIBRATIONS							
3/19/2015	7:10 AM	7:18 AM	8	STACK RE-CALIBRATION	NONE	Off-line	
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
1/26/2015	7:15 AM	7:29 AM	14	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste	
3/26/2015	5:32 AM	5:44 AM	12	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste	
				THC #2			
WORK ON THIS ANALYZER							
2/2/2015	7:06 AM	7:12 AM	6	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste	
3/23/2015	7:20 AM	7:30 AM	10	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste	
OUT OF CONTROL PERIODS							
SYSTEM RECALIBRATIONS							
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
2/13/2015	10:12 AM	10:51 AM	39	OTHER ANALYZER WORK DONE (CO)	None	On Hazardous Waste	
2/13/2015	11:00 AM	2:11 PM	191	OTHER ANALYZER WORK DONE (CO)	Replaced source calibration check	On Hazardous Waste	
				Other			
UNRECORDED TIME (MISSING MINUTES)							
3/19/2015	4:22 PM	4:26 PM	4	Outage Work	NONE	Offline	
3/19/2015	6:05 PM	6:05 PM	1	Outage Work	NONE	Offline	
TOTAL MINUTES IN QUARTER:					129,600		
TOTAL OPERATING TIME OF SOURCE:					121,882		
TOTAL DOWNTIME OF CEM SYSTEM:					5		
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0		
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					121,882		
SYSTEM AVAILABILITY					100.0%		

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

**THC Monitors
PM**

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Date	Duration	Activity	Analyzer
TOTAL			
		(e.g., blowback, manual adjustment to monitors, etc.)	
No preventative maintenance had to be performed on monitors this quarter.			

Emissions Limits:
 28.36 LBS/Hr
 124.23Tons /Years

NO_x
Excess Emissions Report

California Analytical Instruments
 Model: 600-CLD
 Serial Number: U12052

	Date	LB/HR	Reason	Corrective Action	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
		0	Total Minutes in Exceedance			
		0	Number of Events			
			Total Emissions for the Quarter			
		39814	(LBS)			
		19.91	(Tons)			

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
01/01/2015 00:00	24.05
01/01/2015 03:00	21.97
01/01/2015 06:00	25.23
01/01/2015 09:00	19.79
01/01/2015 12:00	17.80
01/01/2015 15:00	18.95
01/01/2015 18:00	17.78
01/01/2015 21:00	19.60
01/02/2015 00:00	22.03
01/02/2015 03:00	19.61
01/02/2015 06:00	21.42
01/02/2015 09:00	17.28
01/02/2015 12:00	17.58
01/02/2015 15:00	17.16
01/02/2015 18:00	18.77
01/02/2015 21:00	16.16
01/03/2015 00:00	15.92
01/03/2015 03:00	17.20
01/03/2015 06:00	15.81
01/03/2015 09:00	14.10
01/03/2015 12:00	15.32
01/03/2015 15:00	20.76
01/03/2015 18:00	19.21
01/03/2015 21:00	15.93
01/04/2015 00:00	21.22
01/04/2015 03:00	20.82
01/04/2015 06:00	20.22
01/04/2015 09:00	19.05
01/04/2015 12:00	19.48
01/04/2015 15:00	19.38
01/04/2015 18:00	20.72
01/04/2015 21:00	20.36
01/05/2015 00:00	18.93
01/05/2015 03:00	21.53
01/05/2015 06:00	21.29
01/05/2015 09:00	17.83
01/05/2015 12:00	12.21
01/05/2015 15:00	14.04
01/05/2015 18:00	20.17
01/05/2015 21:00	19.84
01/06/2015 00:00	18.43
01/06/2015 03:00	18.55
01/06/2015 06:00	18.31
01/06/2015 09:00	5.85
01/06/2015 12:00	22.35
01/06/2015 15:00	20.27
01/06/2015 18:00	19.69
01/06/2015 21:00	21.91
01/07/2015 00:00	20.53
01/07/2015 03:00	20.07
01/07/2015 06:00	20.25

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
01/07/2015 09:00	19.13
01/07/2015 12:00	21.87
01/07/2015 15:00	20.68
01/07/2015 18:00	24.06
01/07/2015 21:00	24.69
01/08/2015 00:00	23.50
01/08/2015 03:00	22.75
01/08/2015 06:00	21.97
01/08/2015 09:00	20.83
01/08/2015 12:00	22.17
01/08/2015 15:00	23.95
01/08/2015 18:00	25.61
01/08/2015 21:00	21.45
01/09/2015 00:00	23.50
01/09/2015 03:00	17.21
01/09/2015 06:00	23.91
01/09/2015 09:00	20.40
01/09/2015 12:00	20.32
01/09/2015 15:00	22.66
01/09/2015 18:00	23.73
01/09/2015 21:00	23.76
01/10/2015 00:00	21.43
01/10/2015 03:00	23.31
01/10/2015 06:00	24.68
01/10/2015 09:00	21.06
01/10/2015 12:00	22.49
01/10/2015 15:00	21.47
01/10/2015 18:00	20.57
01/10/2015 21:00	24.21
01/11/2015 00:00	23.15
01/11/2015 03:00	22.24
01/11/2015 06:00	22.65
01/11/2015 09:00	22.87
01/11/2015 12:00	23.83
01/11/2015 15:00	24.36
01/11/2015 18:00	22.69
01/11/2015 21:00	23.01
01/12/2015 00:00	25.17
01/12/2015 03:00	23.38
01/12/2015 06:00	24.33
01/12/2015 09:00	21.47
01/12/2015 12:00	21.79
01/12/2015 15:00	22.32
01/12/2015 18:00	23.52
01/12/2015 21:00	22.43
01/13/2015 00:00	19.87
01/13/2015 03:00	22.83
01/13/2015 06:00	19.02
01/13/2015 09:00	17.42
01/13/2015 12:00	19.60
01/13/2015 15:00	20.64

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NO_x
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NO _x 3-Hour Block Average (LB/Hr)
01/13/2015 18:00	18.33
01/13/2015 21:00	14.22
01/14/2015 00:00	16.61
01/14/2015 03:00	15.00
01/14/2015 06:00	14.99
01/14/2015 09:00	18.85
01/14/2015 12:00	18.78
01/14/2015 15:00	20.78
01/14/2015 18:00	20.19
01/14/2015 21:00	25.76
01/15/2015 00:00	23.05
01/15/2015 03:00	24.47
01/15/2015 06:00	21.87
01/15/2015 09:00	19.13
01/15/2015 12:00	18.63
01/15/2015 15:00	18.59
01/15/2015 18:00	22.44
01/15/2015 21:00	23.19
01/16/2015 00:00	22.57
01/16/2015 03:00	22.44
01/16/2015 06:00	22.30
01/16/2015 09:00	19.96
01/16/2015 12:00	19.20
01/16/2015 15:00	17.82
01/16/2015 18:00	21.96
01/16/2015 21:00	21.71
01/17/2015 00:00	21.33
01/17/2015 03:00	19.41
01/17/2015 06:00	24.41
01/17/2015 09:00	22.53
01/17/2015 12:00	21.60
01/17/2015 15:00	19.69
01/17/2015 18:00	20.68
01/17/2015 21:00	21.87
01/18/2015 00:00	17.06
01/18/2015 03:00	23.53
01/18/2015 06:00	15.99
01/18/2015 09:00	25.04
01/18/2015 12:00	20.72
01/18/2015 15:00	24.49
01/18/2015 18:00	25.74
01/18/2015 21:00	22.60
01/19/2015 00:00	20.50
01/19/2015 03:00	19.87
01/19/2015 06:00	17.98
01/19/2015 09:00	17.09
01/19/2015 12:00	17.69
01/19/2015 15:00	14.58
01/19/2015 18:00	16.00
01/19/2015 21:00	17.84
01/20/2015 00:00	19.70

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
01/20/2015 03:00	19.55
01/20/2015 06:00	20.95
01/20/2015 09:00	18.70
01/20/2015 12:00	19.55
01/20/2015 15:00	19.05
01/20/2015 18:00	20.19
01/20/2015 21:00	22.89
01/21/2015 00:00	22.65
01/21/2015 03:00	23.84
01/21/2015 06:00	23.53
01/21/2015 09:00	21.32
01/21/2015 12:00	18.67
01/21/2015 15:00	17.77
01/21/2015 18:00	20.15
01/21/2015 21:00	21.78
01/22/2015 00:00	23.66
01/22/2015 03:00	19.96
01/22/2015 06:00	19.74
01/22/2015 09:00	20.50
01/22/2015 12:00	21.89
01/22/2015 15:00	22.33
01/22/2015 18:00	23.77
01/22/2015 21:00	22.47
01/23/2015 00:00	21.97
01/23/2015 03:00	22.75
01/23/2015 06:00	21.03
01/23/2015 09:00	21.02
01/23/2015 12:00	22.29
01/23/2015 15:00	16.15
01/23/2015 18:00	21.70
01/23/2015 21:00	20.76
01/24/2015 00:00	19.75
01/24/2015 03:00	20.68
01/24/2015 06:00	22.15
01/24/2015 09:00	19.42
01/24/2015 12:00	21.62
01/24/2015 15:00	22.80
01/24/2015 18:00	18.82
01/24/2015 21:00	15.88
01/25/2015 00:00	17.42
01/25/2015 03:00	16.56
01/25/2015 06:00	17.71
01/25/2015 09:00	17.81
01/25/2015 12:00	17.53
01/25/2015 15:00	16.59
01/25/2015 18:00	18.03
01/25/2015 21:00	19.00
01/26/2015 00:00	20.93
01/26/2015 03:00	21.53
01/26/2015 06:00	26.07
01/26/2015 09:00	25.17

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
01/26/2015 12:00	21.95
01/26/2015 15:00	19.59
01/26/2015 18:00	18.75
01/26/2015 21:00	18.80
01/27/2015 00:00	15.91
01/27/2015 03:00	17.48
01/27/2015 06:00	17.44
01/27/2015 09:00	16.84
01/27/2015 12:00	16.88
01/27/2015 15:00	17.34
01/27/2015 18:00	20.51
01/27/2015 21:00	22.99
01/28/2015 00:00	17.03
01/28/2015 03:00	19.13
01/28/2015 06:00	18.87
01/28/2015 09:00	18.28
01/28/2015 12:00	18.49
01/28/2015 15:00	21.83
01/28/2015 18:00	18.51
01/28/2015 21:00	20.91
01/29/2015 00:00	18.94
01/29/2015 03:00	20.48
01/29/2015 06:00	24.05
01/29/2015 09:00	18.97
01/29/2015 12:00	14.39
01/29/2015 15:00	17.03
01/29/2015 18:00	22.22
01/29/2015 21:00	23.77
01/30/2015 00:00	22.53
01/30/2015 03:00	21.65
01/30/2015 06:00	23.77
01/30/2015 09:00	19.71
01/30/2015 12:00	18.80
01/30/2015 15:00	18.67
01/30/2015 18:00	19.18
01/30/2015 21:00	16.98
01/31/2015 00:00	14.48
01/31/2015 03:00	15.52
01/31/2015 06:00	21.13
01/31/2015 09:00	17.33
01/31/2015 12:00	18.73
01/31/2015 15:00	18.57
01/31/2015 18:00	18.59
01/31/2015 21:00	17.89
02/01/2015 00:00	17.68
02/01/2015 03:00	21.04
02/01/2015 06:00	18.68
02/01/2015 09:00	19.76
02/01/2015 12:00	18.57
02/01/2015 15:00	18.37
02/01/2015 18:00	19.21

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
02/01/2015 21:00	15.56
02/02/2015 00:00	16.89
02/02/2015 03:00	17.02
02/02/2015 06:00	16.84
02/02/2015 09:00	20.20
02/02/2015 12:00	21.49
02/02/2015 15:00	17.85
02/02/2015 18:00	17.39
02/02/2015 21:00	18.18
02/03/2015 00:00	16.38
02/03/2015 03:00	15.94
02/03/2015 06:00	18.12
02/03/2015 09:00	18.24
02/03/2015 12:00	18.65
02/03/2015 15:00	20.01
02/03/2015 18:00	23.76
02/03/2015 21:00	22.44
02/04/2015 00:00	21.92
02/04/2015 03:00	23.94
02/04/2015 06:00	22.26
02/04/2015 09:00	23.44
02/04/2015 12:00	21.47
02/04/2015 15:00	20.63
02/04/2015 18:00	23.18
02/04/2015 21:00	21.97
02/05/2015 00:00	23.43
02/05/2015 03:00	19.44
02/05/2015 06:00	20.06
02/05/2015 09:00	19.62
02/05/2015 12:00	15.93
02/05/2015 15:00	18.09
02/05/2015 18:00	20.17
02/05/2015 21:00	20.65
02/06/2015 00:00	24.41
02/06/2015 03:00	24.87
02/06/2015 06:00	21.14
02/06/2015 09:00	20.11
02/06/2015 12:00	18.84
02/06/2015 15:00	19.14
02/06/2015 18:00	18.50
02/06/2015 21:00	23.02
02/07/2015 00:00	22.07
02/07/2015 03:00	21.80
02/07/2015 06:00	22.75
02/07/2015 09:00	22.05
02/07/2015 12:00	22.59
02/07/2015 15:00	20.66
02/07/2015 18:00	19.28
02/07/2015 21:00	19.20
02/08/2015 00:00	21.94
02/08/2015 03:00	18.51

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
02/08/2015 06:00	19.43
02/08/2015 09:00	21.95
02/08/2015 12:00	22.57
02/08/2015 15:00	19.91
02/08/2015 18:00	24.08
02/08/2015 21:00	23.99
02/09/2015 00:00	22.95
02/09/2015 03:00	21.44
02/09/2015 06:00	21.09
02/09/2015 09:00	21.53
02/09/2015 12:00	14.04
02/09/2015 15:00	17.29
02/09/2015 18:00	18.87
02/09/2015 21:00	22.44
02/10/2015 00:00	21.84
02/10/2015 03:00	20.74
02/10/2015 06:00	20.03
02/10/2015 09:00	18.23
02/10/2015 12:00	19.87
02/10/2015 15:00	17.95
02/10/2015 18:00	20.89
02/10/2015 21:00	19.80
02/11/2015 00:00	18.55
02/11/2015 03:00	20.72
02/11/2015 06:00	20.01
02/11/2015 09:00	18.48
02/11/2015 12:00	19.69
02/11/2015 15:00	17.52
02/11/2015 18:00	15.91
02/11/2015 21:00	16.26
02/12/2015 00:00	16.22
02/12/2015 03:00	16.24
02/12/2015 06:00	16.45
02/12/2015 09:00	15.36
02/12/2015 12:00	18.89
02/12/2015 15:00	17.12
02/12/2015 18:00	12.65
02/12/2015 21:00	17.27
02/13/2015 00:00	15.54
02/13/2015 03:00	21.27
02/13/2015 06:00	23.90
02/13/2015 09:00	22.04
02/13/2015 12:00	20.94
02/13/2015 15:00	21.45
02/13/2015 18:00	24.53
02/13/2015 21:00	24.86
02/14/2015 00:00	20.16
02/14/2015 03:00	0.57
02/14/2015 06:00	0.00
02/14/2015 09:00	0.00
02/14/2015 12:00	0.00

Emissions Limits:
28.36 LBS/Hr
124.23 Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
02/14/2015 15:00	0.00
02/14/2015 18:00	0.00
02/14/2015 21:00	0.00
02/15/2015 00:00	0.00
02/15/2015 03:00	0.00
02/15/2015 06:00	0.00
02/15/2015 09:00	0.00
02/15/2015 12:00	0.00
02/15/2015 15:00	0.00
02/15/2015 18:00	0.01
02/15/2015 21:00	0.90
02/16/2015 00:00	0.82
02/16/2015 03:00	0.37
02/16/2015 06:00	0.37
02/16/2015 09:00	3.83
02/16/2015 12:00	7.47
02/16/2015 15:00	8.87
02/16/2015 18:00	7.44
02/16/2015 21:00	6.48
02/17/2015 00:00	6.38
02/17/2015 03:00	24.47
02/17/2015 06:00	21.82
02/17/2015 09:00	23.91
02/17/2015 12:00	24.07
02/17/2015 15:00	23.29
02/17/2015 18:00	21.40
02/17/2015 21:00	22.63
02/18/2015 00:00	22.89
02/18/2015 03:00	21.02
02/18/2015 06:00	18.99
02/18/2015 09:00	16.54
02/18/2015 12:00	15.75
02/18/2015 15:00	19.05
02/18/2015 18:00	17.32
02/18/2015 21:00	15.60
02/19/2015 00:00	14.18
02/19/2015 03:00	15.60
02/19/2015 06:00	17.57
02/19/2015 09:00	15.90
02/19/2015 12:00	15.85
02/19/2015 15:00	18.25
02/19/2015 18:00	18.98
02/19/2015 21:00	20.38
02/20/2015 00:00	18.94
02/20/2015 03:00	17.91
02/20/2015 06:00	17.19
02/20/2015 09:00	20.71
02/20/2015 12:00	19.33
02/20/2015 15:00	18.73
02/20/2015 18:00	18.83
02/20/2015 21:00	20.10

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
02/21/2015 00:00	21.04
02/21/2015 03:00	21.92
02/21/2015 06:00	18.88
02/21/2015 09:00	19.76
02/21/2015 12:00	18.62
02/21/2015 15:00	16.73
02/21/2015 18:00	17.63
02/21/2015 21:00	16.91
02/22/2015 00:00	22.00
02/22/2015 03:00	17.65
02/22/2015 06:00	19.83
02/22/2015 09:00	15.61
02/22/2015 12:00	16.82
02/22/2015 15:00	18.05
02/22/2015 18:00	18.65
02/22/2015 21:00	19.20
02/23/2015 00:00	18.75
02/23/2015 03:00	21.25
02/23/2015 06:00	24.64
02/23/2015 09:00	22.33
02/23/2015 12:00	20.98
02/23/2015 15:00	22.26
02/23/2015 18:00	25.11
02/23/2015 21:00	25.31
02/24/2015 00:00	25.42
02/24/2015 03:00	25.64
02/24/2015 06:00	23.00
02/24/2015 09:00	17.97
02/24/2015 12:00	16.47
02/24/2015 15:00	17.83
02/24/2015 18:00	17.82
02/24/2015 21:00	21.05
02/25/2015 00:00	20.71
02/25/2015 03:00	21.30
02/25/2015 06:00	22.88
02/25/2015 09:00	19.22
02/25/2015 12:00	24.56
02/25/2015 15:00	23.95
02/25/2015 18:00	23.87
02/25/2015 21:00	24.98
02/26/2015 00:00	25.92
02/26/2015 03:00	24.31
02/26/2015 06:00	23.08
02/26/2015 09:00	20.77
02/26/2015 12:00	18.24
02/26/2015 15:00	17.16
02/26/2015 18:00	18.83
02/26/2015 21:00	16.87
02/27/2015 00:00	7.21
02/27/2015 03:00	11.98
02/27/2015 06:00	19.52

Emissions Limits:
28.36 LBS/Hr
124.23 Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
02/27/2015 09:00	18.72
02/27/2015 12:00	23.39
02/27/2015 15:00	21.16
02/27/2015 18:00	18.78
02/27/2015 21:00	21.38
02/28/2015 00:00	22.46
02/28/2015 03:00	21.36
02/28/2015 06:00	19.25
02/28/2015 09:00	17.69
02/28/2015 12:00	19.23
02/28/2015 15:00	19.20
02/28/2015 18:00	22.29
02/28/2015 21:00	17.77
03/01/2015 00:00	16.02
03/01/2015 03:00	15.89
03/01/2015 06:00	16.62
03/01/2015 09:00	17.86
03/01/2015 12:00	18.97
03/01/2015 15:00	20.11
03/01/2015 18:00	19.97
03/01/2015 21:00	22.89
03/02/2015 00:00	20.23
03/02/2015 03:00	20.06
03/02/2015 06:00	22.69
03/02/2015 09:00	17.91
03/02/2015 12:00	18.16
03/02/2015 15:00	18.59
03/02/2015 18:00	20.44
03/02/2015 21:00	24.13
03/03/2015 00:00	24.07
03/03/2015 03:00	23.76
03/03/2015 06:00	24.19
03/03/2015 09:00	20.78
03/03/2015 12:00	18.80
03/03/2015 15:00	16.83
03/03/2015 18:00	17.46
03/03/2015 21:00	17.05
03/04/2015 00:00	17.58
03/04/2015 03:00	17.23
03/04/2015 06:00	16.35
03/04/2015 09:00	17.20
03/04/2015 12:00	18.49
03/04/2015 15:00	15.63
03/04/2015 18:00	16.28
03/04/2015 21:00	14.19
03/05/2015 00:00	14.44
03/05/2015 03:00	18.89
03/05/2015 06:00	20.12
03/05/2015 09:00	20.90
03/05/2015 12:00	13.51
03/05/2015 15:00	20.05

Emissions Limits:
28.36 LBS/Hr
124 23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
03/05/2015 18:00	20.59
03/05/2015 21:00	22.11
03/06/2015 00:00	23.92
03/06/2015 03:00	22.20
03/06/2015 06:00	19.51
03/06/2015 09:00	22.37
03/06/2015 12:00	21.94
03/06/2015 15:00	19.02
03/06/2015 18:00	22.68
03/06/2015 21:00	22.44
03/07/2015 00:00	21.86
03/07/2015 03:00	23.52
03/07/2015 06:00	22.85
03/07/2015 09:00	24.44
03/07/2015 12:00	17.24
03/07/2015 15:00	17.44
03/07/2015 18:00	17.74
03/07/2015 21:00	19.18
03/08/2015 00:00	20.61
03/08/2015 03:00	22.25
03/08/2015 06:00	20.97
03/08/2015 09:00	20.74
03/08/2015 12:00	19.31
03/08/2015 15:00	20.77
03/08/2015 18:00	19.92
03/08/2015 21:00	18.74
03/09/2015 00:00	22.14
03/09/2015 03:00	22.40
03/09/2015 06:00	21.80
03/09/2015 09:00	16.01
03/09/2015 12:00	16.81
03/09/2015 15:00	16.45
03/09/2015 18:00	20.90
03/09/2015 21:00	21.38
03/10/2015 00:00	22.96
03/10/2015 03:00	22.29
03/10/2015 06:00	20.38
03/10/2015 09:00	20.99
03/10/2015 12:00	19.68
03/10/2015 15:00	18.64
03/10/2015 18:00	20.16
03/10/2015 21:00	20.90
03/11/2015 00:00	16.67
03/11/2015 03:00	18.28
03/11/2015 06:00	19.35
03/11/2015 09:00	15.00
03/11/2015 12:00	15.67
03/11/2015 15:00	16.72
03/11/2015 18:00	15.59
03/11/2015 21:00	16.96
03/12/2015 00:00	18.02

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
03/12/2015 03:00	22.39
03/12/2015 06:00	22.24
03/12/2015 09:00	19.99
03/12/2015 12:00	22.31
03/12/2015 15:00	21.47
03/12/2015 18:00	22.17
03/12/2015 21:00	20.88
03/13/2015 00:00	17.96
03/13/2015 03:00	15.70
03/13/2015 06:00	16.39
03/13/2015 09:00	17.89
03/13/2015 12:00	16.70
03/13/2015 15:00	17.13
03/13/2015 18:00	20.37
03/13/2015 21:00	20.80
03/14/2015 00:00	18.01
03/14/2015 03:00	13.06
03/14/2015 06:00	16.47
03/14/2015 09:00	18.64
03/14/2015 12:00	18.60
03/14/2015 15:00	18.42
03/14/2015 18:00	22.54
03/14/2015 21:00	22.02
03/15/2015 00:00	22.80
03/15/2015 03:00	22.93
03/15/2015 06:00	22.71
03/15/2015 09:00	19.80
03/15/2015 12:00	19.97
03/15/2015 15:00	19.68
03/15/2015 18:00	17.16
03/15/2015 21:00	11.84
03/16/2015 00:00	21.98
03/16/2015 03:00	21.59
03/16/2015 06:00	20.39
03/16/2015 09:00	18.56
03/16/2015 12:00	18.91
03/16/2015 15:00	19.55
03/16/2015 18:00	19.74
03/16/2015 21:00	20.04
03/17/2015 00:00	23.15
03/17/2015 03:00	24.37
03/17/2015 06:00	22.31
03/17/2015 09:00	21.16
03/17/2015 12:00	18.48
03/17/2015 15:00	17.73
03/17/2015 18:00	24.62
03/17/2015 21:00	24.16
03/18/2015 00:00	23.41
03/18/2015 03:00	6.05
03/18/2015 06:00	0.00
03/18/2015 09:00	0.00

Emissions Limits:
29.36 LBS/Hr
124 23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
03/18/2015 12:00	0.00
03/18/2015 15:00	0.00
03/18/2015 18:00	0.00
03/18/2015 21:00	0.00
03/19/2015 00:00	0.00
03/19/2015 03:00	0.00
03/19/2015 06:00	0.00
03/19/2015 09:00	0.00
03/19/2015 12:00	0.00
03/19/2015 15:00	0.00
03/19/2015 18:00	0.00
03/19/2015 21:00	0.00
03/20/2015 00:00	0.00
03/20/2015 03:00	0.00
03/20/2015 06:00	0.00
03/20/2015 09:00	0.00
03/20/2015 12:00	0.00
03/20/2015 15:00	0.00
03/20/2015 18:00	0.00
03/20/2015 21:00	0.00
03/21/2015 00:00	0.00
03/21/2015 03:00	0.00
03/21/2015 06:00	0.00
03/21/2015 09:00	0.00
03/21/2015 12:00	0.00
03/21/2015 15:00	0.00
03/21/2015 18:00	0.00
03/21/2015 21:00	0.00
03/22/2015 00:00	0.00
03/22/2015 03:00	0.00
03/22/2015 06:00	0.00
03/22/2015 09:00	19.86
03/22/2015 12:00	19.76
03/22/2015 15:00	20.76
03/22/2015 18:00	20.18
03/22/2015 21:00	20.83
03/23/2015 00:00	19.49
03/23/2015 03:00	18.53
03/23/2015 06:00	23.26
03/23/2015 09:00	24.19
03/23/2015 12:00	22.55
03/23/2015 15:00	21.21
03/23/2015 18:00	15.38
03/23/2015 21:00	15.97
03/24/2015 00:00	17.72
03/24/2015 03:00	19.87
03/24/2015 06:00	19.92
03/24/2015 09:00	22.19
03/24/2015 12:00	24.26
03/24/2015 15:00	23.22
03/24/2015 18:00	22.58

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
03/24/2015 21:00	17.34
03/25/2015 00:00	14.35
03/25/2015 03:00	16.00
03/25/2015 06:00	16.87
03/25/2015 09:00	18.73
03/25/2015 12:00	15.12
03/25/2015 15:00	22.44
03/25/2015 18:00	20.28
03/25/2015 21:00	16.30
03/26/2015 00:00	17.08
03/26/2015 03:00	16.97
03/26/2015 06:00	19.51
03/26/2015 09:00	19.23
03/26/2015 12:00	17.64
03/26/2015 15:00	15.28
03/26/2015 18:00	16.94
03/26/2015 21:00	17.61
03/27/2015 00:00	17.69
03/27/2015 03:00	15.67
03/27/2015 06:00	19.39
03/27/2015 09:00	18.24
03/27/2015 12:00	17.20
03/27/2015 15:00	18.75
03/27/2015 18:00	22.93
03/27/2015 21:00	20.88
03/28/2015 00:00	21.40
03/28/2015 03:00	22.81
03/28/2015 06:00	18.27
03/28/2015 09:00	17.49
03/28/2015 12:00	16.01
03/28/2015 15:00	17.44
03/28/2015 18:00	18.86
03/28/2015 21:00	21.83
03/29/2015 00:00	22.08
03/29/2015 03:00	22.65
03/29/2015 06:00	21.19
03/29/2015 09:00	17.79
03/29/2015 12:00	20.03
03/29/2015 15:00	20.64
03/29/2015 18:00	22.23
03/29/2015 21:00	21.96
03/30/2015 00:00	21.76
03/30/2015 03:00	23.05
03/30/2015 06:00	22.31
03/30/2015 09:00	21.48
03/30/2015 12:00	22.03
03/30/2015 15:00	23.83
03/30/2015 18:00	20.11
03/30/2015 21:00	21.42
03/31/2015 00:00	20.90
03/31/2015 03:00	21.99

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)
03/31/2015 06:00	18.65
03/31/2015 09:00	19.40
03/31/2015 12:00	21.55
03/31/2015 15:00	22.63
03/31/2015 18:00	18.20
03/31/2015 21:00	23.34

Slack #1 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	15-Feb-15	08:03 AM	08:18 AM	15	Calibration Check
02-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	16-Feb-15	09:06 AM	09:28 AM	22	Calibration Check
03-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	17-Feb-15	06:39 AM	07:00 AM	21	Calibration Check
04-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	18-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
05-Jan-15	08:15 AM	08:30 AM	15	Calibration Check	19-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
06-Jan-15	07:34 AM	07:42 AM	8	Calibration Check	20-Feb-15	07:19 AM	07:40 AM	21	Calibration Check
07-Jan-15	06:56 AM	07:17 AM	21	Calibration Check	21-Feb-15	08:58 AM	09:20 AM	22	Calibration Check
08-Jan-15	07:05 AM	07:13 AM	8	Calibration Check	22-Feb-15	09:26 AM	09:47 AM	21	Calibration Check
09-Jan-15	05:49 AM	06:11 AM	22	Calibration Check	23-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
10-Jan-15	10:58 AM	11:19 AM	21	Calibration Check	24-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
11-Jan-15	07:00 AM	07:21 AM	21	Calibration Check	25-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
12-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	26-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
13-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	27-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
14-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	28-Feb-15	07:06 AM	07:27 AM	21	Calibration Check
15-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	01-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
16-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	02-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
17-Jan-15	08:00 AM	08:22 AM	22	Calibration Check	03-Mar-15	05:02 AM	05:23 AM	21	Calibration Check
18-Jan-15	09:17 AM	09:38 AM	21	Calibration Check	04-Mar-15	06:48 AM	07:10 AM	22	Calibration Check
19-Jan-15	06:28 AM	06:49 AM	21	Calibration Check	05-Mar-15	06:57 AM	07:19 AM	22	Calibration Check
20-Jan-15	06:21 AM	06:42 AM	21	Calibration Check	06-Mar-15	06:48 AM	07:09 AM	21	Calibration Check
21-Jan-15	06:36 AM	06:58 AM	22	Calibration Check	07-Mar-15	07:29 AM	07:50 AM	21	Calibration Check
22-Jan-15	06:49 AM	07:03 AM	14	Calibration Check	08-Mar-15	09:56 AM	10:18 AM	22	Calibration Check
23-Jan-15	06:23 AM	06:37 AM	14	Calibration Check	09-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
24-Jan-15	05:28 AM	05:49 AM	21	Calibration Check	10-Mar-15	06:49 AM	07:03 AM	14	Calibration Check
25-Jan-15	07:13 AM	07:27 AM	14	Calibration Check	11-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
26-Jan-15	07:29 AM	07:45 AM	16	Calibration Check	12-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
27-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	13-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
28-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	14-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
29-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	15-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
30-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	16-Mar-15	07:09 AM	07:30 AM	21	Calibration Check
31-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	17-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
01-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	18-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
02-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	19-Mar-15	06:38 AM	06:59 AM	21	Calibration Check
03-Feb-15	07:06 AM	07:28 AM	22	Calibration Check	19-Mar-15	07:10 AM	07:18 AM	8	Re-calibration
04-Feb-15	07:03 AM	07:24 AM	21	Calibration Check	20-Mar-15	06:48 AM	06:56 AM	8	Calibration Check
05-Feb-15	06:13 AM	06:34 AM	21	Calibration Check	21-Mar-15	05:07 AM	05:29 AM	22	Calibration Check
06-Feb-15	06:35 AM	06:57 AM	22	Calibration Check	22-Mar-15	06:39 PM	06:54 PM	15	Calibration Check
07-Feb-15	11:03 AM	11:24 AM	21	Calibration Check	23-Mar-15	03:20 PM	03:42 PM	22	Calibration Check
08-Feb-15	07:08 AM	07:29 AM	21	Calibration Check	24-Mar-15	06:05 AM	06:26 AM	21	Calibration Check
09-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	25-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
10-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	26-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
11-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	27-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
12-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	28-Mar-15	06:59 AM	07:08 AM	9	Calibration Check
13-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	29-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
14-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	30-Mar-15	06:52 AM	07:14 AM	22	Calibration Check
					31-Mar-15	05:29 AM	05:50 AM	21	Calibration Check
			Minutes					Minutes	
			892					919	
Total minutes for quality assurance:									
			Minutes						
			1811						

California Analytical Instruments
Model: 600-CLD
SN: U12052

Heritage Thermal Services
1st Quarter 2015

**NOX Monitor
Preventative
Maintenance**

California Analytical Instruments
Model: 600-CLD
SN: U12052

Date	Duration	Activity
TOTAL		
(e.g., blowback, manual adjustment to monitors, etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

	Date	LB/HR	Reason	Corrective Action	Combustion	Waste Feed
		0	Total Minutes in Exceedance			
		0	Number of Events			
			Total Emissions for the Quarter			
		2915	(LBS)			
		1.46	(Tons)			

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
01/01/2015 00:00	2.32
01/01/2015 03:00	1.85
01/01/2015 06:00	1.40
01/01/2015 09:00	4.04
01/01/2015 12:00	2.23
01/01/2015 15:00	3.59
01/01/2015 18:00	1.25
01/01/2015 21:00	5.07
01/02/2015 00:00	1.82
01/02/2015 03:00	5.77
01/02/2015 06:00	2.77
01/02/2015 09:00	1.39
01/02/2015 12:00	4.06
01/02/2015 15:00	0.90
01/02/2015 18:00	0.70
01/02/2015 21:00	0.89
01/03/2015 00:00	1.76
01/03/2015 03:00	0.56
01/03/2015 06:00	3.85
01/03/2015 09:00	1.67
01/03/2015 12:00	0.67
01/03/2015 15:00	0.16
01/03/2015 18:00	0.31
01/03/2015 21:00	0.33
01/04/2015 00:00	1.39
01/04/2015 03:00	0.99
01/04/2015 06:00	0.15
01/04/2015 09:00	0.21
01/04/2015 12:00	0.14
01/04/2015 15:00	0.13
01/04/2015 18:00	0.14
01/04/2015 21:00	0.13
01/05/2015 00:00	0.11
01/05/2015 03:00	0.13
01/05/2015 06:00	0.13
01/05/2015 09:00	0.39
01/05/2015 12:00	1.13
01/05/2015 15:00	0.10
01/05/2015 18:00	0.12
01/05/2015 21:00	0.12
01/06/2015 00:00	0.15
01/06/2015 03:00	0.12
01/06/2015 06:00	0.11
01/06/2015 09:00	0.02
01/06/2015 12:00	0.60
01/06/2015 15:00	0.13
01/06/2015 18:00	0.19
01/06/2015 21:00	0.14
01/07/2015 00:00	0.13
01/07/2015 03:00	0.12
01/07/2015 06:00	0.13

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
01/07/2015 09:00	0.25
01/07/2015 12:00	0.15
01/07/2015 15:00	0.14
01/07/2015 18:00	0.16
01/07/2015 21:00	0.17
01/08/2015 00:00	0.16
01/08/2015 03:00	0.16
01/08/2015 06:00	0.30
01/08/2015 09:00	0.22
01/08/2015 12:00	0.16
01/08/2015 15:00	0.18
01/08/2015 18:00	1.33
01/08/2015 21:00	0.17
01/09/2015 00:00	0.54
01/09/2015 03:00	1.80
01/09/2015 06:00	0.21
01/09/2015 09:00	0.29
01/09/2015 12:00	0.15
01/09/2015 15:00	0.16
01/09/2015 18:00	1.29
01/09/2015 21:00	4.96
01/10/2015 00:00	2.87
01/10/2015 03:00	3.07
01/10/2015 06:00	2.10
01/10/2015 09:00	4.34
01/10/2015 12:00	4.28
01/10/2015 15:00	0.18
01/10/2015 18:00	0.15
01/10/2015 21:00	0.17
01/11/2015 00:00	0.16
01/11/2015 03:00	0.15
01/11/2015 06:00	0.16
01/11/2015 09:00	0.35
01/11/2015 12:00	0.19
01/11/2015 15:00	2.10
01/11/2015 18:00	2.69
01/11/2015 21:00	5.90
01/12/2015 00:00	2.49
01/12/2015 03:00	1.71
01/12/2015 06:00	3.45
01/12/2015 09:00	2.15
01/12/2015 12:00	1.90
01/12/2015 15:00	2.68
01/12/2015 18:00	4.06
01/12/2015 21:00	2.84
01/13/2015 00:00	1.54
01/13/2015 03:00	0.87
01/13/2015 06:00	0.34
01/13/2015 09:00	0.22
01/13/2015 12:00	1.42
01/13/2015 15:00	0.17

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
01/13/2015 18:00	1.95
01/13/2015 21:00	1.09
01/14/2015 00:00	1.15
01/14/2015 03:00	2.26
01/14/2015 06:00	3.54
01/14/2015 09:00	3.44
01/14/2015 12:00	2.84
01/14/2015 15:00	0.40
01/14/2015 18:00	0.26
01/14/2015 21:00	0.21
01/15/2015 00:00	0.19
01/15/2015 03:00	1.76
01/15/2015 06:00	3.70
01/15/2015 09:00	2.03
01/15/2015 12:00	0.93
01/15/2015 15:00	1.96
01/15/2015 18:00	1.03
01/15/2015 21:00	0.83
01/16/2015 00:00	2.63
01/16/2015 03:00	3.10
01/16/2015 06:00	1.04
01/16/2015 09:00	0.87
01/16/2015 12:00	0.24
01/16/2015 15:00	0.13
01/16/2015 18:00	0.16
01/16/2015 21:00	1.14
01/17/2015 00:00	1.14
01/17/2015 03:00	1.74
01/17/2015 06:00	2.00
01/17/2015 09:00	1.10
01/17/2015 12:00	0.95
01/17/2015 15:00	0.41
01/17/2015 18:00	2.46
01/17/2015 21:00	2.00
01/18/2015 00:00	0.94
01/18/2015 03:00	0.61
01/18/2015 06:00	0.75
01/18/2015 09:00	0.26
01/18/2015 12:00	1.10
01/18/2015 15:00	0.44
01/18/2015 18:00	0.96
01/18/2015 21:00	0.79
01/19/2015 00:00	0.24
01/19/2015 03:00	1.01
01/19/2015 06:00	2.43
01/19/2015 09:00	4.28
01/19/2015 12:00	2.88
01/19/2015 15:00	0.98
01/19/2015 18:00	4.12
01/19/2015 21:00	0.19
01/20/2015 00:00	0.53

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
01/20/2015 03:00	0.88
01/20/2015 06:00	0.50
01/20/2015 09:00	0.46
01/20/2015 12:00	1.01
01/20/2015 15:00	1.25
01/20/2015 18:00	3.50
01/20/2015 21:00	4.00
01/21/2015 00:00	1.49
01/21/2015 03:00	2.97
01/21/2015 06:00	1.42
01/21/2015 09:00	0.89
01/21/2015 12:00	0.77
01/21/2015 15:00	0.20
01/21/2015 18:00	0.38
01/21/2015 21:00	1.00
01/22/2015 00:00	1.24
01/22/2015 03:00	0.75
01/22/2015 06:00	2.54
01/22/2015 09:00	2.61
01/22/2015 12:00	1.81
01/22/2015 15:00	3.70
01/22/2015 18:00	2.99
01/22/2015 21:00	3.73
01/23/2015 00:00	3.65
01/23/2015 03:00	1.53
01/23/2015 06:00	5.17
01/23/2015 09:00	1.11
01/23/2015 12:00	0.44
01/23/2015 15:00	0.28
01/23/2015 18:00	1.29
01/23/2015 21:00	1.87
01/24/2015 00:00	0.61
01/24/2015 03:00	3.43
01/24/2015 06:00	1.99
01/24/2015 09:00	1.00
01/24/2015 12:00	0.45
01/24/2015 15:00	0.72
01/24/2015 18:00	0.24
01/24/2015 21:00	1.57
01/25/2015 00:00	0.00
01/25/2015 03:00	0.00
01/25/2015 06:00	0.27
01/25/2015 09:00	0.29
01/25/2015 12:00	0.13
01/25/2015 15:00	0.12
01/25/2015 18:00	0.13
01/25/2015 21:00	0.13
01/26/2015 00:00	1.75
01/26/2015 03:00	0.34
01/26/2015 06:00	0.21
01/26/2015 09:00	1.96

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
01/26/2015 12:00	0.17
01/26/2015 15:00	0.12
01/26/2015 18:00	0.17
01/26/2015 21:00	0.13
01/27/2015 00:00	0.11
01/27/2015 03:00	0.14
01/27/2015 06:00	0.56
01/27/2015 09:00	0.19
01/27/2015 12:00	0.11
01/27/2015 15:00	2.56
01/27/2015 18:00	0.83
01/27/2015 21:00	0.18
01/28/2015 00:00	0.10
01/28/2015 03:00	0.68
01/28/2015 06:00	0.37
01/28/2015 09:00	1.27
01/28/2015 12:00	0.51
01/28/2015 15:00	0.37
01/28/2015 18:00	0.11
01/28/2015 21:00	0.10
01/29/2015 00:00	1.40
01/29/2015 03:00	0.75
01/29/2015 06:00	1.74
01/29/2015 09:00	0.48
01/29/2015 12:00	0.24
01/29/2015 15:00	0.55
01/29/2015 18:00	0.71
01/29/2015 21:00	1.25
01/30/2015 00:00	0.28
01/30/2015 03:00	0.40
01/30/2015 06:00	0.29
01/30/2015 09:00	0.29
01/30/2015 12:00	0.54
01/30/2015 15:00	0.12
01/30/2015 18:00	0.10
01/30/2015 21:00	0.08
01/31/2015 00:00	0.06
01/31/2015 03:00	0.59
01/31/2015 06:00	0.18
01/31/2015 09:00	0.20
01/31/2015 12:00	1.58
01/31/2015 15:00	0.46
01/31/2015 18:00	0.76
01/31/2015 21:00	0.61
02/01/2015 00:00	0.50
02/01/2015 03:00	0.74
02/01/2015 06:00	1.18
02/01/2015 09:00	0.85
02/01/2015 12:00	0.81
02/01/2015 15:00	1.37
02/01/2015 18:00	1.18

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
02/01/2015 21:00	1.63
02/02/2015 00:00	1.74
02/02/2015 03:00	0.19
02/02/2015 06:00	0.29
02/02/2015 09:00	2.61
02/02/2015 12:00	2.15
02/02/2015 15:00	0.44
02/02/2015 18:00	0.12
02/02/2015 21:00	0.64
02/03/2015 00:00	1.06
02/03/2015 03:00	0.65
02/03/2015 06:00	0.95
02/03/2015 09:00	0.92
02/03/2015 12:00	1.98
02/03/2015 15:00	3.97
02/03/2015 18:00	3.68
02/03/2015 21:00	1.17
02/04/2015 00:00	2.54
02/04/2015 03:00	1.73
02/04/2015 06:00	0.65
02/04/2015 09:00	0.26
02/04/2015 12:00	0.27
02/04/2015 15:00	0.47
02/04/2015 18:00	0.21
02/04/2015 21:00	0.28
02/05/2015 00:00	0.18
02/05/2015 03:00	0.12
02/05/2015 06:00	0.18
02/05/2015 09:00	0.26
02/05/2015 12:00	0.41
02/05/2015 15:00	3.01
02/05/2015 18:00	3.55
02/05/2015 21:00	4.52
02/06/2015 00:00	1.50
02/06/2015 03:00	4.18
02/06/2015 06:00	1.93
02/06/2015 09:00	1.58
02/06/2015 12:00	0.68
02/06/2015 15:00	1.42
02/06/2015 18:00	0.56
02/06/2015 21:00	3.79
02/07/2015 00:00	2.64
02/07/2015 03:00	5.86
02/07/2015 06:00	2.32
02/07/2015 09:00	1.88
02/07/2015 12:00	0.95
02/07/2015 15:00	0.32
02/07/2015 18:00	2.79
02/07/2015 21:00	2.62
02/08/2015 00:00	1.13
02/08/2015 03:00	4.69

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
02/08/2015 06:00	2.00
02/08/2015 09:00	0.82
02/08/2015 12:00	5.41
02/08/2015 15:00	1.78
02/08/2015 18:00	3.67
02/08/2015 21:00	5.58
02/09/2015 00:00	5.72
02/09/2015 03:00	2.24
02/09/2015 06:00	3.20
02/09/2015 09:00	2.66
02/09/2015 12:00	3.53
02/09/2015 15:00	1.18
02/09/2015 18:00	1.91
02/09/2015 21:00	2.48
02/10/2015 00:00	0.83
02/10/2015 03:00	2.16
02/10/2015 06:00	1.32
02/10/2015 09:00	2.55
02/10/2015 12:00	2.84
02/10/2015 15:00	1.16
02/10/2015 18:00	0.71
02/10/2015 21:00	1.88
02/11/2015 00:00	1.78
02/11/2015 03:00	0.85
02/11/2015 06:00	2.27
02/11/2015 09:00	3.52
02/11/2015 12:00	4.64
02/11/2015 15:00	4.33
02/11/2015 18:00	5.85
02/11/2015 21:00	5.62
02/12/2015 00:00	6.67
02/12/2015 03:00	3.93
02/12/2015 06:00	2.78
02/12/2015 09:00	1.99
02/12/2015 12:00	3.17
02/12/2015 15:00	2.05
02/12/2015 18:00	0.68
02/12/2015 21:00	1.06
02/13/2015 00:00	1.27
02/13/2015 03:00	1.76
02/13/2015 06:00	3.50
02/13/2015 09:00	3.47
02/13/2015 12:00	3.48
02/13/2015 15:00	3.87
02/13/2015 18:00	4.15
02/13/2015 21:00	5.35
02/14/2015 00:00	3.80
02/14/2015 03:00	17.27
02/14/2015 06:00	0.00
02/14/2015 09:00	0.00
02/14/2015 12:00	0.00

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
02/14/2015 15:00	0.00
02/14/2015 18:00	0.00
02/14/2015 21:00	0.00
02/15/2015 00:00	0.00
02/15/2015 03:00	0.00
02/15/2015 06:00	0.00
02/15/2015 09:00	0.00
02/15/2015 12:00	0.00
02/15/2015 15:00	0.00
02/15/2015 18:00	0.00
02/15/2015 21:00	0.13
02/16/2015 00:00	0.12
02/16/2015 03:00	0.04
02/16/2015 06:00	0.01
02/16/2015 09:00	0.13
02/16/2015 12:00	0.45
02/16/2015 15:00	0.62
02/16/2015 18:00	0.47
02/16/2015 21:00	1.04
02/17/2015 00:00	0.33
02/17/2015 03:00	4.02
02/17/2015 06:00	0.93
02/17/2015 09:00	1.61
02/17/2015 12:00	1.72
02/17/2015 15:00	1.77
02/17/2015 18:00	1.02
02/17/2015 21:00	0.99
02/18/2015 00:00	2.80
02/18/2015 03:00	2.35
02/18/2015 06:00	2.01
02/18/2015 09:00	2.70
02/18/2015 12:00	1.33
02/18/2015 15:00	2.42
02/18/2015 18:00	4.28
02/18/2015 21:00	1.89
02/19/2015 00:00	1.87
02/19/2015 03:00	3.59
02/19/2015 06:00	4.19
02/19/2015 09:00	6.81
02/19/2015 12:00	2.16
02/19/2015 15:00	1.53
02/19/2015 18:00	1.12
02/19/2015 21:00	2.18
02/20/2015 00:00	1.20
02/20/2015 03:00	2.78
02/20/2015 06:00	0.65
02/20/2015 09:00	0.87
02/20/2015 12:00	2.49
02/20/2015 15:00	2.66
02/20/2015 18:00	1.97
02/20/2015 21:00	2.08

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
02/21/2015 00:00	2.95
02/21/2015 03:00	1.35
02/21/2015 06:00	4.97
02/21/2015 09:00	1.62
02/21/2015 12:00	1.10
02/21/2015 15:00	5.73
02/21/2015 18:00	1.92
02/21/2015 21:00	1.60
02/22/2015 00:00	2.11
02/22/2015 03:00	1.10
02/22/2015 06:00	2.47
02/22/2015 09:00	7.59
02/22/2015 12:00	2.49
02/22/2015 15:00	2.17
02/22/2015 18:00	2.44
02/22/2015 21:00	3.97
02/23/2015 00:00	3.69
02/23/2015 03:00	3.99
02/23/2015 06:00	2.93
02/23/2015 09:00	3.28
02/23/2015 12:00	2.85
02/23/2015 15:00	3.72
02/23/2015 18:00	5.21
02/23/2015 21:00	5.90
02/24/2015 00:00	2.99
02/24/2015 03:00	3.17
02/24/2015 06:00	3.65
02/24/2015 09:00	2.38
02/24/2015 12:00	1.03
02/24/2015 15:00	2.46
02/24/2015 18:00	2.44
02/24/2015 21:00	2.25
02/25/2015 00:00	3.95
02/25/2015 03:00	2.33
02/25/2015 06:00	1.72
02/25/2015 09:00	3.83
02/25/2015 12:00	0.62
02/25/2015 15:00	0.06
02/25/2015 18:00	0.85
02/25/2015 21:00	6.87
02/26/2015 00:00	2.27
02/26/2015 03:00	0.70
02/26/2015 06:00	0.03
02/26/2015 09:00	5.13
02/26/2015 12:00	2.94
02/26/2015 15:00	3.09
02/26/2015 18:00	2.52
02/26/2015 21:00	1.11
02/27/2015 00:00	0.00
02/27/2015 03:00	0.01
02/27/2015 06:00	0.76

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
02/27/2015 09:00	2.25
02/27/2015 12:00	1.21
02/27/2015 15:00	3.95
02/27/2015 18:00	4.74
02/27/2015 21:00	1.15
02/28/2015 00:00	5.15
02/28/2015 03:00	2.50
02/28/2015 06:00	2.59
02/28/2015 09:00	3.21
02/28/2015 12:00	2.50
02/28/2015 15:00	1.57
02/28/2015 18:00	1.18
02/28/2015 21:00	0.81
03/01/2015 00:00	0.25
03/01/2015 03:00	0.66
03/01/2015 06:00	0.66
03/01/2015 09:00	1.20
03/01/2015 12:00	4.09
03/01/2015 15:00	2.81
03/01/2015 18:00	0.55
03/01/2015 21:00	0.63
03/02/2015 00:00	0.68
03/02/2015 03:00	0.48
03/02/2015 06:00	0.13
03/02/2015 09:00	0.40
03/02/2015 12:00	0.93
03/02/2015 15:00	0.22
03/02/2015 18:00	0.39
03/02/2015 21:00	0.15
03/03/2015 00:00	0.41
03/03/2015 03:00	2.12
03/03/2015 06:00	2.96
03/03/2015 09:00	2.91
03/03/2015 12:00	1.14
03/03/2015 15:00	3.19
03/03/2015 18:00	0.36
03/03/2015 21:00	0.06
03/04/2015 00:00	0.03
03/04/2015 03:00	0.01
03/04/2015 06:00	0.02
03/04/2015 09:00	0.31
03/04/2015 12:00	0.25
03/04/2015 15:00	0.20
03/04/2015 18:00	0.43
03/04/2015 21:00	0.95
03/05/2015 00:00	1.65
03/05/2015 03:00	2.00
03/05/2015 06:00	2.13
03/05/2015 09:00	1.89
03/05/2015 12:00	0.95
03/05/2015 15:00	0.76

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
03/05/2015 18:00	1.31
03/05/2015 21:00	3.74
03/06/2015 00:00	0.03
03/06/2015 03:00	0.00
03/06/2015 06:00	0.07
03/06/2015 09:00	0.64
03/06/2015 12:00	0.72
03/06/2015 15:00	0.46
03/06/2015 18:00	2.24
03/06/2015 21:00	3.05
03/07/2015 00:00	1.53
03/07/2015 03:00	0.06
03/07/2015 06:00	0.02
03/07/2015 09:00	0.06
03/07/2015 12:00	0.00
03/07/2015 15:00	2.11
03/07/2015 18:00	1.16
03/07/2015 21:00	1.31
03/08/2015 00:00	0.91
03/08/2015 03:00	0.06
03/08/2015 06:00	0.15
03/08/2015 09:00	0.02
03/08/2015 12:00	0.16
03/08/2015 15:00	0.18
03/08/2015 18:00	0.24
03/08/2015 21:00	0.00
03/09/2015 00:00	1.43
03/09/2015 03:00	3.42
03/09/2015 06:00	1.82
03/09/2015 09:00	0.60
03/09/2015 12:00	0.28
03/09/2015 15:00	0.00
03/09/2015 18:00	2.00
03/09/2015 21:00	1.96
03/10/2015 00:00	0.28
03/10/2015 03:00	1.80
03/10/2015 06:00	2.00
03/10/2015 09:00	0.09
03/10/2015 12:00	0.00
03/10/2015 15:00	0.00
03/10/2015 18:00	0.00
03/10/2015 21:00	1.48
03/11/2015 00:00	0.00
03/11/2015 03:00	0.09
03/11/2015 06:00	1.95
03/11/2015 09:00	2.45
03/11/2015 12:00	1.12
03/11/2015 15:00	1.94
03/11/2015 18:00	0.42
03/11/2015 21:00	1.34
03/12/2015 00:00	2.46

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
03/12/2015 03:00	3.97
03/12/2015 06:00	0.45
03/12/2015 09:00	0.12
03/12/2015 12:00	0.17
03/12/2015 15:00	1.17
03/12/2015 18:00	0.23
03/12/2015 21:00	0.00
03/13/2015 00:00	0.00
03/13/2015 03:00	0.00
03/13/2015 06:00	0.00
03/13/2015 09:00	1.84
03/13/2015 12:00	0.38
03/13/2015 15:00	0.00
03/13/2015 18:00	1.63
03/13/2015 21:00	0.14
03/14/2015 00:00	1.27
03/14/2015 03:00	0.00
03/14/2015 06:00	0.55
03/14/2015 09:00	1.89
03/14/2015 12:00	1.52
03/14/2015 15:00	1.68
03/14/2015 18:00	0.02
03/14/2015 21:00	1.22
03/15/2015 00:00	0.00
03/15/2015 03:00	2.95
03/15/2015 06:00	1.99
03/15/2015 09:00	3.34
03/15/2015 12:00	3.48
03/15/2015 15:00	0.67
03/15/2015 18:00	1.68
03/15/2015 21:00	1.42
03/16/2015 00:00	4.25
03/16/2015 03:00	1.35
03/16/2015 06:00	0.88
03/16/2015 09:00	0.14
03/16/2015 12:00	0.00
03/16/2015 15:00	0.00
03/16/2015 18:00	0.07
03/16/2015 21:00	0.45
03/17/2015 00:00	1.14
03/17/2015 03:00	0.17
03/17/2015 06:00	1.26
03/17/2015 09:00	0.07
03/17/2015 12:00	3.61
03/17/2015 15:00	0.00
03/17/2015 18:00	0.81
03/17/2015 21:00	2.69
03/18/2015 00:00	2.49
03/18/2015 03:00	0.05
03/18/2015 06:00	0.00
03/18/2015 09:00	0.00

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
03/18/2015 12:00	0.00
03/18/2015 15:00	0.00
03/18/2015 18:00	0.00
03/18/2015 21:00	0.00
03/19/2015 00:00	0.00
03/19/2015 03:00	0.00
03/19/2015 06:00	0.00
03/19/2015 09:00	0.02
03/19/2015 12:00	0.00
03/19/2015 15:00	0.00
03/19/2015 18:00	0.00
03/19/2015 21:00	0.00
03/20/2015 00:00	0.00
03/20/2015 03:00	0.00
03/20/2015 06:00	0.00
03/20/2015 09:00	0.00
03/20/2015 12:00	0.00
03/20/2015 15:00	0.00
03/20/2015 18:00	0.00
03/20/2015 21:00	0.00
03/21/2015 00:00	0.00
03/21/2015 03:00	0.00
03/21/2015 06:00	0.00
03/21/2015 09:00	0.00
03/21/2015 12:00	0.00
03/21/2015 15:00	0.00
03/21/2015 18:00	0.00
03/21/2015 21:00	0.00
03/22/2015 00:00	0.00
03/22/2015 03:00	0.00
03/22/2015 06:00	0.00
03/22/2015 09:00	0.15
03/22/2015 12:00	0.25
03/22/2015 15:00	0.17
03/22/2015 18:00	0.18
03/22/2015 21:00	0.11
03/23/2015 00:00	0.10
03/23/2015 03:00	0.09
03/23/2015 06:00	0.15
03/23/2015 09:00	0.14
03/23/2015 12:00	0.12
03/23/2015 15:00	0.14
03/23/2015 18:00	0.15
03/23/2015 21:00	0.08
03/24/2015 00:00	0.09
03/24/2015 03:00	0.11
03/24/2015 06:00	0.10
03/24/2015 09:00	1.52
03/24/2015 12:00	2.30
03/24/2015 15:00	4.97
03/24/2015 18:00	5.71

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
03/24/2015 21:00	2.73
03/25/2015 00:00	0.08
03/25/2015 03:00	0.07
03/25/2015 06:00	0.08
03/25/2015 09:00	0.16
03/25/2015 12:00	0.07
03/25/2015 15:00	0.12
03/25/2015 18:00	0.10
03/25/2015 21:00	0.07
03/26/2015 00:00	0.07
03/26/2015 03:00	0.07
03/26/2015 06:00	0.29
03/26/2015 09:00	0.55
03/26/2015 12:00	0.10
03/26/2015 15:00	0.08
03/26/2015 18:00	0.09
03/26/2015 21:00	0.09
03/27/2015 00:00	0.09
03/27/2015 03:00	0.07
03/27/2015 06:00	0.11
03/27/2015 09:00	0.17
03/27/2015 12:00	0.10
03/27/2015 15:00	0.11
03/27/2015 18:00	0.15
03/27/2015 21:00	0.12
03/28/2015 00:00	0.13
03/28/2015 03:00	0.14
03/28/2015 06:00	0.09
03/28/2015 09:00	0.20
03/28/2015 12:00	0.08
03/28/2015 15:00	0.24
03/28/2015 18:00	0.14
03/28/2015 21:00	0.40
03/29/2015 00:00	1.39
03/29/2015 03:00	0.25
03/29/2015 06:00	0.13
03/29/2015 09:00	0.18
03/29/2015 12:00	0.12
03/29/2015 15:00	0.13
03/29/2015 18:00	0.14
03/29/2015 21:00	0.21
03/30/2015 00:00	0.15
03/30/2015 03:00	0.16
03/30/2015 06:00	0.16
03/30/2015 09:00	0.23
03/30/2015 12:00	0.73
03/30/2015 15:00	0.20
03/30/2015 18:00	0.27
03/30/2015 21:00	0.15
03/31/2015 00:00	0.13
03/31/2015 03:00	0.47

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)
03/31/2015 06:00	1.39
03/31/2015 09:00	0.68
03/31/2015 12:00	1.11
03/31/2015 15:00	1.84
03/31/2015 18:00	0.78
03/31/2015 21:00	4.37

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	15-Feb-15	08:03 AM	08:18 AM	15	Calibration Check
02-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	16-Feb-15	09:06 AM	09:28 AM	22	Calibration Check
03-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	17-Feb-15	06:39 AM	07:00 AM	21	Calibration Check
04-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	18-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
05-Jan-15	08:15 AM	08:30 AM	15	Calibration Check	19-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
06-Jan-15	07:34 AM	07:42 AM	8	Calibration Check	20-Feb-15	07:19 AM	07:40 AM	21	Calibration Check
07-Jan-15	06:56 AM	07:17 AM	21	Calibration Check	21-Feb-15	08:58 AM	09:20 AM	22	Calibration Check
08-Jan-15	07:05 AM	07:13 AM	8	Calibration Check	22-Feb-15	09:26 AM	09:47 AM	21	Calibration Check
09-Jan-15	05:49 AM	06:11 AM	22	Calibration Check	23-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
10-Jan-15	10:58 AM	11:19 AM	21	Calibration Check	24-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
11-Jan-15	07:00 AM	07:21 AM	21	Calibration Check	25-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
12-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	26-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
13-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	27-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
14-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	28-Feb-15	07:06 AM	07:27 AM	21	Calibration Check
15-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	01-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
16-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	02-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
17-Jan-15	08:00 AM	08:22 AM	22	Calibration Check	03-Mar-15	05:02 AM	05:23 AM	21	Calibration Check
18-Jan-15	09:17 AM	09:38 AM	21	Calibration Check	04-Mar-15	06:48 AM	07:10 AM	22	Calibration Check
19-Jan-15	06:28 AM	06:49 AM	21	Calibration Check	05-Mar-15	06:57 AM	07:19 AM	22	Calibration Check
20-Jan-15	06:21 AM	06:42 AM	21	Calibration Check	06-Mar-15	06:48 AM	07:09 AM	21	Calibration Check
21-Jan-15	06:36 AM	06:58 AM	22	Calibration Check	07-Mar-15	07:29 AM	07:50 AM	21	Calibration Check
22-Jan-15	06:49 AM	07:03 AM	14	Calibration Check	08-Mar-15	09:56 AM	10:18 AM	22	Calibration Check
23-Jan-15	06:23 AM	06:37 AM	14	Calibration Check	09-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
24-Jan-15	05:28 AM	05:49 AM	21	Calibration Check	10-Mar-15	06:49 AM	07:03 AM	14	Calibration Check
25-Jan-15	07:13 AM	07:27 AM	14	Calibration Check	11-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
26-Jan-15	07:29 AM	07:45 AM	16	Calibration Check	12-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
27-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	13-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
28-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	14-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
29-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	15-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
30-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	16-Mar-15	07:09 AM	07:30 AM	21	Calibration Check
31-Jan-15	06:20 AM	06:41 AM	21	Calibration Check	17-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
01-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	18-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
02-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	19-Mar-15	06:38 AM	06:59 AM	21	Calibration Check
03-Feb-15	07:06 AM	07:28 AM	22	Calibration Check	19-Mar-15	07:10 AM	07:18 AM	8	Re-calibration
04-Feb-15	07:03 AM	07:24 AM	21	Calibration Check	20-Mar-15	06:48 AM	06:56 AM	8	Calibration Check
05-Feb-15	06:13 AM	06:34 AM	21	Calibration Check	21-Mar-15	05:07 AM	05:29 AM	22	Calibration Check
06-Feb-15	06:35 AM	06:57 AM	22	Calibration Check	22-Mar-15	06:39 PM	06:54 PM	15	Calibration Check
07-Feb-15	11:03 AM	11:24 AM	21	Calibration Check	23-Mar-15	03:20 PM	03:42 PM	22	Calibration Check
08-Feb-15	07:08 AM	07:29 AM	21	Calibration Check	24-Mar-15	06:05 AM	06:26 AM	21	Calibration Check
09-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	25-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
10-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	26-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
11-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	27-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
12-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	28-Mar-15	06:59 AM	07:08 AM	9	Calibration Check
13-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	29-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
14-Feb-15	06:20 AM	06:41 AM	21	Calibration Check	30-Mar-15	06:52 AM	07:14 AM	22	Calibration Check
					31-Mar-15	05:29 AM	05:50 AM	21	Calibration Check
			Minutes					Minutes	
			892					919	
Total minutes for quality assurance:									
			Minutes						
			1811						

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Heritage Thermal Services
1st Quarter 2015

**SOX MONITOR
PREVENTIVE
MAINTENANCE**

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Date	Duration	Activity
TOTAL		
		(e.g., blowback, manual adjustment to monitors, etc.)
		No preventative maintenance had to be performed on monitors this quarter.

Emissions Limits:
95.26 Tons/Year

**CO EXCESS
EMISSIONS REPORT**

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

	Date	Time	Lb/MMBtu	Incinerator Operation	Reason	Corrective Action
	Total CO emissions for the quarter:					
			lbs	tons		
			8333	4.17		

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	15-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
02-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	16-Feb-15	09:33 AM	09:44 AM	11	Calibration Check
03-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	17-Feb-15	07:04 AM	07:16 AM	12	Calibration Check
04-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	18-Feb-15	07:07 AM	07:18 AM	11	Calibration Check
05-Jan-15	07:58 AM	08:09 AM	11	Calibration Check	19-Feb-15	07:07 AM	07:19 AM	12	Calibration Check
06-Jan-15	07:28 AM	07:32 AM	4	Calibration Check	20-Feb-15	07:00 AM	07:11 AM	11	Calibration Check
07-Jan-15	07:40 AM	07:48 AM	8	Calibration Check	21-Feb-15	08:43 AM	08:54 AM	11	Calibration Check
08-Jan-15	07:35 AM	07:43 AM	8	Calibration Check	22-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
09-Jan-15	06:16 AM	06:25 AM	9	Calibration Check	23-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
10-Jan-15	11:24 AM	11:33 AM	9	Calibration Check	24-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
11-Jan-15	07:27 AM	07:35 AM	8	Calibration Check	25-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
12-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	26-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
13-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	27-Feb-15	06:50 AM	07:01 AM	11	Calibration Check
14-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	28-Feb-15	06:50 AM	07:01 AM	11	Calibration Check
15-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	01-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
16-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	02-Mar-15	06:46 AM	06:57 AM	11	Calibration Check
17-Jan-15	08:36 AM	08:48 AM	12	Calibration Check	03-Mar-15	05:29 AM	05:40 AM	11	Calibration Check
18-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	04-Mar-15	07:41 AM	07:46 AM	5	Calibration Check
19-Jan-15	06:54 AM	07:05 AM	11	Calibration Check	05-Mar-15	07:23 AM	07:34 AM	11	Calibration Check
20-Jan-15	06:47 AM	06:58 AM	11	Calibration Check	06-Mar-15	07:14 AM	07:25 AM	11	Calibration Check
21-Jan-15	07:03 AM	07:14 AM	11	Calibration Check	07-Mar-15	07:56 AM	08:07 AM	11	Calibration Check
22-Jan-15	07:07 AM	07:19 AM	12	Calibration Check	08-Mar-15	10:23 AM	10:34 AM	11	Calibration Check
23-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	09-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
24-Jan-15	05:59 AM	06:11 AM	12	Calibration Check	10-Mar-15	07:09 AM	07:20 AM	11	Calibration Check
25-Jan-15	07:34 AM	07:45 AM	11	Calibration Check	11-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
26-Jan-15	06:52 AM	07:03 AM	11	Calibration Check	12-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
27-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	13-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
28-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	14-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
29-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	15-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
30-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	16-Mar-15	07:39 AM	07:50 AM	11	Calibration Check
31-Jan-15	06:50 AM	07:01 AM	11	Calibration Check	17-Mar-15	07:13 AM	07:24 AM	11	Calibration Check
01-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	18-Mar-15	07:12 AM	07:23 AM	11	Calibration Check
02-Feb-15	07:21 AM	07:29 AM	8	Calibration Check	19-Mar-15	07:25 AM	07:36 AM	11	Calibration Check
03-Feb-15	07:33 AM	07:44 AM	11	Calibration Check	20-Mar-15	07:08 AM	07:19 AM	11	Calibration Check
04-Feb-15	07:32 AM	07:43 AM	11	Calibration Check	21-Mar-15	05:41 AM	05:46 AM	5	Calibration Check
05-Feb-15	06:42 AM	06:53 AM	11	Calibration Check	22-Mar-15	12:08 PM	12:19 PM	11	Calibration Check
06-Feb-15	07:03 AM	07:14 AM	11	Calibration Check	23-Mar-15	07:40 AM	07:51 AM	11	Calibration Check
07-Feb-15	11:29 AM	11:40 AM	11	Calibration Check	24-Mar-15	06:31 AM	06:42 AM	11	Calibration Check
08-Feb-15	07:37 AM	07:48 AM	11	Calibration Check	25-Mar-15	06:15 AM	06:26 AM	11	Calibration Check
09-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	26-Mar-15	06:15 AM	06:26 AM	11	Calibration Check
10-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	27-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
11-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	28-Mar-15	07:13 AM	07:24 AM	11	Calibration Check
12-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	29-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
13-Feb-15	06:50 AM	07:01 AM	11	Calibration Check	30-Mar-15	07:24 AM	07:35 AM	11	Calibration Check
14-Feb-15	06:47 AM	06:58 AM	11	Calibration Check	31-Mar-15	05:57 AM	06:08 AM	11	Calibration Check
			Minutes					Minutes	
			475					485	
Total minutes for quality assurance:									
			Minutes						
			960						

CO Monitor
Stack #2
Downtime

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER				Stack #2 - CO		
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
3/19/2015	4:22 PM	4:25 PM	3	Outage Work	NONE	Offline
3/19/2015	6:05 PM	6:05 PM	0	Outage Work	NONE	Offline
TOTAL MINUTES IN QUARTER:					129,500	
TOTAL OPERATING TIME OF SOURCE:					121,882	
TOTAL DOWNTIME OF CEM SYSTEM:					5	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					121,882	
SYSTEM AVAILABILITY					100.0%	

**CO Monitor
Stack #2
Preventative
Maintenance**

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

Date	Duration	Activity
TOTAL		
(e.g., blowback, manual adjustment to monitors, etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

**Opacity Exceedance
Summary**

EMISSION LIMIT; 20%
SIX-MINUTE STARTING
AT THE TOP OF THE HOUR

Date	MAXIMUM OPACITY	Duration (min)	Reason	Corrective Action
01/27/2015 13:30	45.1	12	Quarterly Stack Audit	None
02/07/2015 18:36	23.0	6	Feed - Lance	Reduced Feed Rates
		18	Total Minutes	

TELEDYNE MONITOR LABS
 MODEL: LightHawk 560
 SN #5600687

**Opacity Exceedance
 Summary**

EMISSION LIMIT: 20%
 SIX-MINUTE STARTING
 AT THE TOP OF THE HOUR

	Date	% Opacity	Cause of Exceedance	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	01/27/2015 13:30	31.15	Quarterly Stack Audit	None	Waste	Yes	No
2	01/27/2015 13:36	45.05	Quarterly Stack Audit	None	Waste	Yes	No
3	02/07/2015 18:36	23.01	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
		3	Total 6-Minute Averages in Exceedance				
		2	Number of Events				

Flows-Opacity - QA

[illegible]

TELEDYNE MONITOR LABS
 MODEL: LightHawk 560
 SN #5600687

Opacity Monitor
 Downtime

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
3/24/2015	7:14 AM	7:22 AM	8	STACK RE-CALIBRATION	NONE	On Hazardous Waste
MONITOR EQUIPMENT MALFUNCTION						
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
3/19/2015	4:22 PM	4:25 PM	4	Outage Work	NONE	Offline
3/19/2015	8:05 PM	8:05 PM	1	Outage Work	NONE	Offline
TOTAL MINUTES IN QUARTER:					129,600	
TOTAL OPERATING TIME OF SOURCE:					121,882	
TOTAL DOWNTIME OF CEM SYSTEM:					13	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					8	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					121,874	
SYSTEM AVAILABILITY					100.0%	

**OPACITY MONITOR
PREVENTIVE MAINTENANCE**

Date	Duration	Activity
27-Jan-15	120	Audit
Total Minutes:	120	
(e.g., blowback, manual adjustment to monitor)		



HERITAGE THERMAL SERVICES
1250 St. George Street
East Liverpool, Ohio 43920-3400
Phone: 330-385-7337
Fax: 330-385-7813
www.heritage-thermal.com

OHSAS 18001: 2007
ISO 14001: 2004
ISO 9001: 2008

Mr. Erik Bewley
OEPA-DAPC-NEDO
2110 E. Aurora Road
Twinsburg, OH 44087

July 30, 2015
VIA UPS and Air Services

RE: HERITAGE THERMAL SERVICES
FACILITY ID: 02-15-02-0233
2ND QUARTER 2015
EXCESS EMISSIONS REPORT

Dear Mr. Bewley:

Enclosed are the quarterly reports for excess emissions of opacity, sulfur dioxide, oxides of nitrogen, and total hydrocarbons as required by Heritage Thermal Services' Title V Permit # P0084372. Additional information regarding incinerator operation, kiln and secondary combustion temperature, and carbon monoxide emissions are also included. This report covers the period **April 1 through June 30, 2015**.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are certain penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

If you have any questions feel free to contact me at 330-385-7337.

Sincerely,

A handwritten signature in black ink, appearing to read "Stewart Fletcher", with a stylized flourish at the end.

Stewart Fletcher
General Manager
Heritage Thermal Services



Recycled Paper

Key Words: Air / Quarterly Report /2nd Quarter 2015 EER

File Name: Environ\Vince\EER Quarterly\152Q\eer cover 152Q.doc

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
04/01/2015 00:00	04/02/2015 03:12	1633	On Hazardous Waste
04/02/2015 03:13	04/02/2015 04:11	59	Retention
04/02/2015 04:12	04/05/2015 07:41	4530	On Hazardous Waste
04/05/2015 07:42	04/05/2015 08:40	59	Retention
04/05/2015 08:41	04/07/2015 19:07	3507	On Hazardous Waste
04/07/2015 19:08	04/07/2015 20:08	61	Retention
04/07/2015 20:09	04/08/2015 15:25	1157	On Hazardous Waste
04/08/2015 15:26	04/08/2015 16:12	47	Retention
04/08/2015 16:13	04/12/2015 10:20	5408	On Hazardous Waste
04/12/2015 10:21	04/12/2015 10:24	4	Retention
04/12/2015 10:25	04/14/2015 04:44	2540	On Hazardous Waste
04/14/2015 04:45	04/14/2015 06:04	80	Retention
04/14/2015 06:05	04/16/2015 06:44	2920	On Hazardous Waste
04/16/2015 06:45	04/16/2015 07:50	66	Retention
04/16/2015 07:51	04/17/2015 10:18	1588	On Hazardous Waste
04/17/2015 10:19	04/17/2015 10:19	1	Retention
04/17/2015 10:20	04/17/2015 19:59	580	On Hazardous Waste
04/17/2015 20:00	04/17/2015 20:42	43	Retention
04/17/2015 20:43	04/18/2015 12:40	958	On Hazardous Waste
04/18/2015 12:41	04/18/2015 12:43	3	Retention
04/18/2015 12:44	04/20/2015 17:10	3147	On Hazardous Waste
04/20/2015 17:11	04/20/2015 17:43	33	Retention
04/20/2015 17:44	04/20/2015 18:55	72	On Hazardous Waste
04/20/2015 18:56	04/20/2015 19:56	61	Retention
04/20/2015 19:57	04/22/2015 16:50	2694	On Hazardous Waste
04/22/2015 16:51	04/22/2015 19:48	178	Retention
04/22/2015 19:49	04/22/2015 22:00	132	On Virgin Fuels
04/22/2015 22:01	04/23/2015 00:26	146	Offline
04/23/2015 00:27	04/23/2015 00:27	1	On Virgin Fuels
04/23/2015 00:28	04/23/2015 00:50	23	Offline
04/23/2015 00:51	04/23/2015 08:32	462	On Virgin Fuels
04/23/2015 08:33	04/23/2015 16:08	456	Offline
04/23/2015 16:09	04/24/2015 00:17	489	On Virgin Fuels
04/24/2015 00:18	04/24/2015 00:25	8	On Hazardous Waste
04/24/2015 00:26	04/24/2015 00:34	9	Retention
04/24/2015 00:35	04/24/2015 08:08	454	On Hazardous Waste
04/24/2015 08:09	04/24/2015 08:24	16	Retention
04/24/2015 08:25	04/24/2015 11:54	210	On Hazardous Waste
04/24/2015 11:55	04/24/2015 12:14	20	Retention
04/24/2015 12:15	04/24/2015 12:34	20	On Hazardous Waste
04/24/2015 12:35	04/24/2015 13:39	65	Retention
04/24/2015 13:40	04/24/2015 18:48	309	On Hazardous Waste
04/24/2015 18:49	04/24/2015 18:55	7	Retention
04/24/2015 18:56	04/24/2015 20:36	101	On Hazardous Waste
04/24/2015 20:37	04/24/2015 23:34	178	Retention
04/24/2015 23:35	04/26/2015 00:23	1489	Offline
04/26/2015 00:24	04/26/2015 09:48	565	On Virgin Fuels
04/26/2015 09:49	04/26/2015 09:57	9	Offline
04/26/2015 09:58	04/26/2015 09:58	1	On Virgin Fuels
04/26/2015 09:59	04/26/2015 10:12	14	Offline
04/26/2015 10:13	04/26/2015 13:40	208	On Virgin Fuels
04/26/2015 13:41	04/26/2015 15:25	105	On Hazardous Waste
04/26/2015 15:26	04/26/2015 16:30	65	Retention
04/26/2015 16:31	04/26/2015 17:36	66	On Hazardous Waste
04/26/2015 17:37	04/26/2015 17:44	8	Retention
04/26/2015 17:45	04/26/2015 20:19	155	On Hazardous Waste
04/26/2015 20:20	04/26/2015 23:07	168	Retention
04/26/2015 23:08	04/27/2015 04:46	339	On Hazardous Waste
04/27/2015 04:47	04/27/2015 06:14	88	Retention
04/27/2015 06:15	04/27/2015 06:58	44	On Hazardous Waste
04/27/2015 06:59	04/27/2015 09:15	137	Retention
04/27/2015 09:16	04/27/2015 09:16	1	On Virgin Fuels

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
04/27/2015 09:17	04/29/2015 12:16	3060	Offline
04/29/2015 12:17	04/29/2015 21:38	562	On Virgin Fuels
04/29/2015 21:39	05/02/2015 19:54	4216	On Hazardous Waste
05/02/2015 19:55	05/02/2015 20:54	60	Retention
05/02/2015 20:55	05/06/2015 14:18	5364	On Hazardous Waste
05/06/2015 14:19	05/06/2015 15:20	62	Retention
05/06/2015 15:21	05/09/2015 10:34	4034	On Hazardous Waste
05/09/2015 10:35	05/09/2015 10:36	2	Retention
05/09/2015 10:37	05/13/2015 03:11	5315	On Hazardous Waste
05/13/2015 03:12	05/13/2015 04:12	61	Retention
05/13/2015 04:13	05/13/2015 14:56	644	On Hazardous Waste
05/13/2015 14:57	05/13/2015 15:54	58	Retention
05/13/2015 15:55	05/16/2015 17:17	4403	On Hazardous Waste
05/16/2015 17:18	05/16/2015 18:18	61	Retention
05/16/2015 18:19	05/21/2015 02:05	6227	On Hazardous Waste
05/21/2015 02:06	05/21/2015 02:06	1	Retention
05/21/2015 02:07	05/25/2015 14:07	6481	On Hazardous Waste
05/25/2015 14:08	05/25/2015 15:12	65	Retention
05/25/2015 15:13	05/27/2015 16:06	2934	On Hazardous Waste
05/27/2015 16:07	05/27/2015 17:13	67	Retention
05/27/2015 17:14	05/28/2015 19:42	1589	On Hazardous Waste
05/28/2015 19:43	05/28/2015 20:45	63	Retention
05/28/2015 20:46	05/29/2015 02:48	363	On Hazardous Waste
05/29/2015 02:49	05/29/2015 03:00	12	On Virgin Fuels
05/29/2015 03:01	05/29/2015 11:43	523	Offline
05/29/2015 11:44	05/29/2015 11:50	7	On Virgin Fuels
05/29/2015 11:51	05/29/2015 12:03	13	Offline
05/29/2015 12:04	05/29/2015 20:29	506	On Virgin Fuels
05/29/2015 20:30	05/29/2015 20:35	6	On Hazardous Waste
05/29/2015 20:36	05/29/2015 20:37	2	On Virgin Fuels
05/29/2015 20:38	05/29/2015 20:38	1	On Hazardous Waste
05/29/2015 20:39	05/29/2015 20:39	1	On Virgin Fuels
05/29/2015 20:40	06/02/2015 22:12	5853	On Hazardous Waste
06/02/2015 22:13	06/02/2015 23:31	79	Retention
06/02/2015 23:32	06/03/2015 00:39	68	On Hazardous Waste
06/03/2015 00:40	06/03/2015 01:35	56	Retention
06/03/2015 01:36	06/05/2015 15:11	3696	On Hazardous Waste
06/05/2015 15:12	06/05/2015 16:59	108	Retention
06/05/2015 17:00	06/09/2015 11:04	5405	On Hazardous Waste
06/09/2015 11:05	06/09/2015 11:36	32	Retention
06/09/2015 11:37	06/13/2015 09:32	5636	On Hazardous Waste
06/13/2015 09:33	06/13/2015 09:36	4	Retention
06/13/2015 09:37	06/13/2015 19:42	606	On Hazardous Waste
06/13/2015 19:43	06/13/2015 19:46	4	Retention
06/13/2015 19:47	06/15/2015 10:01	2295	On Hazardous Waste
06/15/2015 10:02	06/15/2015 10:15	14	Retention
06/15/2015 10:16	06/16/2015 18:36	1941	On Hazardous Waste
06/16/2015 18:37	06/16/2015 18:39	3	Retention
06/16/2015 18:40	06/17/2015 05:51	672	On Hazardous Waste
06/17/2015 05:52	06/17/2015 06:05	14	Retention
06/17/2015 06:06	06/18/2015 21:54	2389	On Hazardous Waste
06/18/2015 21:55	06/19/2015 02:49	295	Retention
06/19/2015 02:50	06/20/2015 20:17	2488	Offline
06/20/2015 20:18	06/20/2015 20:25	8	On Virgin Fuels
06/20/2015 20:26	06/20/2015 20:46	21	Offline
06/20/2015 20:47	06/21/2015 09:51	785	On Virgin Fuels
06/21/2015 09:52	06/21/2015 09:53	2	On Hazardous Waste
06/21/2015 09:54	06/21/2015 10:06	13	On Virgin Fuels
06/21/2015 10:07	06/21/2015 12:03	117	On Hazardous Waste
06/21/2015 12:04	06/21/2015 16:58	295	Retention
06/21/2015 16:59	06/21/2015 18:47	109	On Virgin Fuels
06/21/2015 18:48	06/22/2015 12:24	1057	On Hazardous Waste

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
06/22/2015 12:25	06/22/2015 12:52	28	Retention
06/22/2015 12:53	06/24/2015 22:30	3458	On Hazardous Waste
06/24/2015 22:31	06/24/2015 22:35	5	Retention
06/24/2015 22:36	06/27/2015 17:23	4008	On Hazardous Waste
06/27/2015 17:24	06/27/2015 17:45	22	Retention
06/27/2015 17:46	06/29/2015 17:51	2886	On Hazardous Waste
06/29/2015 17:52	06/29/2015 19:27	96	Retention
06/29/2015 19:28	06/30/2015 23:59	1712	On Hazardous Waste
		115923	On Hazardous Waste
		3011	Retention
		3864	On Virgin Fuels
		8242	Offline
		0	Missing
		131040	Total
		131040	Minutes in Quarter

Temperature is Report
on a One Hour
Average

Kiln Temperature **< 1695**

Kiln Temperature must be > 1695 while
there is Hazardous Waste being led or
there is Waste Retention in the kiln

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
04/24/2015 21:23	769.5	132	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.
06/02/2015 22:31	1567.3	56	Malfunction Instrument	Restarted unit. Replaced UPS battery.
06/18/2015 22:01	730.0	289	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.
06/21/2015 12:15	825.8	284	Malfunction Instrument	Repaired instrument. Restarted unit.
		761	Total Minutes	
Note: Revised OPL's established during CPT were implemented on 6/18/15				

Temperature is Report
on a One Hour
Average

Kiln Temperature
<1695

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
1	04/24/2015 21:23	1715.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
2	04/24/2015 21:24	1702.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
3	04/24/2015 21:25	1688.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
4	04/24/2015 21:26	1675.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
5	04/24/2015 21:27	1661.38	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
6	04/24/2015 21:28	1647.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
7	04/24/2015 21:29	1633.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
8	04/24/2015 21:30	1619.94	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
9	04/24/2015 21:31	1605.97	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
10	04/24/2015 21:32	1591.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
11	04/24/2015 21:33	1577.81	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
12	04/24/2015 21:34	1563.59	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
13	04/24/2015 21:35	1549.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
14	04/24/2015 21:36	1535.50	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
15	04/24/2015 21:37	1521.63	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
16	04/24/2015 21:38	1507.81	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
17	04/24/2015 21:39	1493.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
18	04/24/2015 21:40	1479.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
19	04/24/2015 21:41	1465.59	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
20	04/24/2015 21:42	1451.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
21	04/24/2015 21:43	1436.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
22	04/24/2015 21:44	1422.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
23	04/24/2015 21:45	1407.97	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
24	04/24/2015 21:46	1393.38	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
25	04/24/2015 21:47	1378.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
26	04/24/2015 21:48	1363.94	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
27	04/24/2015 21:49	1349.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
28	04/24/2015 21:50	1334.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
29	04/24/2015 21:51	1319.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
30	04/24/2015 21:52	1303.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
31	04/24/2015 21:53	1288.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
32	04/24/2015 21:54	1273.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
33	04/24/2015 21:55	1258.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
34	04/24/2015 21:56	1242.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
35	04/24/2015 21:57	1227.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
36	04/24/2015 21:58	1212.19	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
37	04/24/2015 21:59	1196.78	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
38	04/24/2015 22:00	1181.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
39	04/24/2015 22:01	1165.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
40	04/24/2015 22:02	1150.03	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
41	04/24/2015 22:03	1134.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
42	04/24/2015 22:04	1119.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
43	04/24/2015 22:05	1106.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
44	04/24/2015 22:06	1096.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
45	04/24/2015 22:07	1089.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
46	04/24/2015 22:08	1084.25	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
47	04/24/2015 22:09	1079.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
48	04/24/2015 22:10	1074.81	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
49	04/24/2015 22:11	1070.19	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
50	04/24/2015 22:12	1065.59	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
51	04/24/2015 22:13	1061.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
52	04/24/2015 22:14	1056.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
53	04/24/2015 22:15	1052.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
54	04/24/2015 22:16	1048.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
55	04/24/2015 22:17	1044.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
56	04/24/2015 22:18	1041.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
57	04/24/2015 22:19	1037.16	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
58	04/24/2015 22:20	1033.19	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
59	04/24/2015 22:21	1028.38	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
60	04/24/2015 22:22	1023.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
61	04/24/2015 22:23	1018.30	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
62	04/24/2015 22:24	1012.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
63	04/24/2015 22:25	1007.03	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
64	04/24/2015 22:26	1001.05	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
65	04/24/2015 22:27	994.86	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
66	04/24/2015 22:28	988.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
<1695

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
67	04/24/2015 22:29	982.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
68	04/24/2015 22:30	975.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
69	04/24/2015 22:31	969.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
70	04/24/2015 22:32	962.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
71	04/24/2015 22:33	956.58	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
72	04/24/2015 22:34	950.30	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
73	04/24/2015 22:35	944.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
74	04/24/2015 22:36	937.97	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
75	04/24/2015 22:37	931.94	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
76	04/24/2015 22:38	926.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
77	04/24/2015 22:39	920.20	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
78	04/24/2015 22:40	914.58	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
79	04/24/2015 22:41	909.05	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
80	04/24/2015 22:42	903.63	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
81	04/24/2015 22:43	898.25	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
82	04/24/2015 22:44	892.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
83	04/24/2015 22:45	887.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
84	04/24/2015 22:46	882.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
85	04/24/2015 22:47	877.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
86	04/24/2015 22:48	872.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
87	04/24/2015 22:49	867.58	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
88	04/24/2015 22:50	862.89	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
89	04/24/2015 22:51	858.50	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
90	04/24/2015 22:52	854.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
91	04/24/2015 22:53	850.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
92	04/24/2015 22:54	846.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
93	04/24/2015 22:55	843.58	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
94	04/24/2015 22:56	840.39	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
95	04/24/2015 22:57	837.23	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
96	04/24/2015 22:58	834.11	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
97	04/24/2015 22:59	831.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
98	04/24/2015 23:00	828.11	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
99	04/24/2015 23:01	825.25	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
100	04/24/2015 23:02	822.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
101	04/24/2015 23:03	819.64	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
102	04/24/2015 23:04	816.86	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
103	04/24/2015 23:05	814.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
104	04/24/2015 23:06	811.42	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
105	04/24/2015 23:07	808.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
106	04/24/2015 23:08	805.98	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
107	04/24/2015 23:09	803.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
108	04/24/2015 23:10	800.80	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
109	04/24/2015 23:11	798.30	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
110	04/24/2015 23:12	795.83	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
111	04/24/2015 23:13	793.23	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
112	04/24/2015 23:14	790.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
113	04/24/2015 23:15	787.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
114	04/24/2015 23:16	784.97	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
115	04/24/2015 23:17	782.16	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
116	04/24/2015 23:18	779.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
117	04/24/2015 23:19	776.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
118	04/24/2015 23:20	774.17	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
119	04/24/2015 23:21	772.64	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
120	04/24/2015 23:22	771.08	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
121	04/24/2015 23:23	770.38	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
122	04/24/2015 23:24	769.98	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
123	04/24/2015 23:25	769.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
124	04/24/2015 23:26	769.45	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
125	04/24/2015 23:27	769.64	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
126	04/24/2015 23:28	770.03	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
127	04/24/2015 23:29	770.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
128	04/24/2015 23:30	771.11	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
129	04/24/2015 23:31	771.70	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
130	04/24/2015 23:32	772.22	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
131	04/24/2015 23:33	772.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
132	04/24/2015 23:34	773.23	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
<1695

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the Kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste In Combustion	Automatic Waste Feed Cutoff?
133	06/02/2015 22:31	1710.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
134	06/02/2015 22:32	1699.44	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
135	06/02/2015 22:33	1687.00	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
136	06/02/2015 22:34	1674.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
137	06/02/2015 22:35	1662.94	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
138	06/02/2015 22:36	1652.84	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
139	06/02/2015 22:37	1644.44	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
140	06/02/2015 22:38	1637.63	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
141	06/02/2015 22:39	1631.38	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
142	06/02/2015 22:40	1624.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
143	06/02/2015 22:41	1617.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
144	06/02/2015 22:42	1611.28	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
145	06/02/2015 22:43	1604.94	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
146	06/02/2015 22:44	1598.50	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
147	06/02/2015 22:45	1592.22	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
148	06/02/2015 22:46	1586.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
149	06/02/2015 22:47	1580.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
150	06/02/2015 22:48	1576.56	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
151	06/02/2015 22:49	1573.72	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
152	06/02/2015 22:50	1571.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
153	06/02/2015 22:51	1570.34	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
154	06/02/2015 22:52	1569.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
155	06/02/2015 22:53	1567.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
156	06/02/2015 22:54	1567.34	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
157	06/02/2015 22:55	1567.44	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
158	06/02/2015 22:56	1568.28	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
159	06/02/2015 22:57	1569.50	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
160	06/02/2015 22:58	1570.84	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
161	06/02/2015 22:59	1572.63	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
162	06/02/2015 23:00	1574.72	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
163	06/02/2015 23:01	1577.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
164	06/02/2015 23:02	1580.34	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
165	06/02/2015 23:03	1583.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
166	06/02/2015 23:04	1586.00	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
167	06/02/2015 23:05	1587.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
168	06/02/2015 23:06	1589.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
169	06/02/2015 23:07	1589.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
170	06/02/2015 23:08	1589.88	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
171	06/02/2015 23:09	1588.88	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
172	06/02/2015 23:10	1587.63	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
173	06/02/2015 23:11	1586.50	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
174	06/02/2015 23:12	1586.22	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
175	06/02/2015 23:13	1586.03	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
176	06/02/2015 23:14	1586.06	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
177	06/02/2015 23:15	1588.03	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
178	06/02/2015 23:16	1590.34	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
179	06/02/2015 23:17	1595.28	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
180	06/02/2015 23:18	1600.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
181	06/02/2015 23:19	1607.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
182	06/02/2015 23:20	1613.84	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
183	06/02/2015 23:21	1620.72	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
184	06/02/2015 23:22	1627.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
185	06/02/2015 23:23	1635.75	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
186	06/02/2015 23:24	1644.91	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
187	06/02/2015 23:25	1655.03	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
188	06/02/2015 23:26	1666.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
189	06/18/2015 22:01	1707.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
190	06/18/2015 22:02	1690.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
191	06/18/2015 22:03	1674.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
192	06/18/2015 22:04	1657.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
193	06/18/2015 22:05	1641.50	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
194	06/18/2015 22:06	1624.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
195	06/18/2015 22:07	1608.50	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
196	06/18/2015 22:08	1592.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
197	06/18/2015 22:09	1575.91	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
198	06/18/2015 22:10	1559.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
<1695

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
199	06/18/2015 22:11	1543.72	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
200	06/18/2015 22:12	1527.66	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
201	06/18/2015 22:13	1511.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
202	06/18/2015 22:14	1494.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
203	06/18/2015 22:15	1477.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
204	06/18/2015 22:16	1459.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
205	06/18/2015 22:17	1442.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
206	06/18/2015 22:18	1425.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
207	06/18/2015 22:19	1408.53	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
208	06/18/2015 22:20	1391.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
209	06/18/2015 22:21	1375.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
210	06/18/2015 22:22	1358.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
211	06/18/2015 22:23	1341.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
212	06/18/2015 22:24	1324.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
213	06/18/2015 22:25	1307.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
214	06/18/2015 22:26	1290.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
215	06/18/2015 22:27	1273.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
216	06/18/2015 22:28	1255.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
217	06/18/2015 22:29	1238.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
218	06/18/2015 22:30	1221.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
219	06/18/2015 22:31	1203.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
220	06/18/2015 22:32	1186.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
221	06/18/2015 22:33	1168.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
222	06/18/2015 22:34	1151.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
223	06/18/2015 22:35	1133.53	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
224	06/18/2015 22:36	1116.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
225	06/18/2015 22:37	1098.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
226	06/18/2015 22:38	1081.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
227	06/18/2015 22:39	1064.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
228	06/18/2015 22:40	1048.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
229	06/18/2015 22:41	1032.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
230	06/18/2015 22:42	1015.84	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
231	06/18/2015 22:43	999.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
232	06/18/2015 22:44	983.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
233	06/18/2015 22:45	966.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
234	06/18/2015 22:46	949.61	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
235	06/18/2015 22:47	932.73	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
236	06/18/2015 22:48	915.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
237	06/18/2015 22:49	898.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
238	06/18/2015 22:50	880.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
239	06/18/2015 22:51	862.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
240	06/18/2015 22:52	845.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
241	06/18/2015 22:53	828.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
242	06/18/2015 22:54	812.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
243	06/18/2015 22:55	795.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
244	06/18/2015 22:56	780.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
245	06/18/2015 22:57	769.20	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
246	06/18/2015 22:58	758.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
247	06/18/2015 22:59	751.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
248	06/18/2015 23:00	751.39	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
249	06/18/2015 23:01	751.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
250	06/18/2015 23:02	751.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
251	06/18/2015 23:03	751.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
252	06/18/2015 23:04	751.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
253	06/18/2015 23:05	751.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
254	06/18/2015 23:06	751.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
255	06/18/2015 23:07	750.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
256	06/18/2015 23:08	750.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
257	06/18/2015 23:09	749.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
258	06/18/2015 23:10	748.72	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
259	06/18/2015 23:11	747.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
260	06/18/2015 23:12	747.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
261	06/18/2015 23:13	746.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
262	06/18/2015 23:14	745.67	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
263	06/18/2015 23:15	744.95	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
264	06/18/2015 23:16	744.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

Heritage Thermal Services
2nd Quarter 2015

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

Heritage Thermal Services
2nd Quarter 2015

Temperature is Report
on a One Hour
Average

Kiln Temperature
<1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

[illegible]Heritage Thermal Services
2nd Quarter 2015

Temperature is Report
on a One Hour
Average

Kiln Temperature
<1695

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Tempera ture (DEG F)	Reason	Corrective Action	Incinerator Operation	waste in Combu stion	Automatic Waste Feed Cutoff?
463	06/19/2015 02:35	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
464	06/19/2015 02:36	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
465	06/19/2015 02:37	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
466	06/19/2015 02:38	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
467	06/19/2015 02:39	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
468	06/19/2015 02:40	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
469	06/19/2015 02:41	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
470	06/19/2015 02:42	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
471	06/19/2015 02:43	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
472	06/19/2015 02:44	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
473	06/19/2015 02:45	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
474	06/19/2015 02:46	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
475	06/19/2015 02:47	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
476	06/19/2015 02:48	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
477	06/19/2015 02:49	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
478	06/21/2015 12:15	1693.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
479	06/21/2015 12:16	1685.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
480	06/21/2015 12:17	1676.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
481	06/21/2015 12:18	1667.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
482	06/21/2015 12:19	1658.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
483	06/21/2015 12:20	1650.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
484	06/21/2015 12:21	1641.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
485	06/21/2015 12:22	1632.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
486	06/21/2015 12:23	1624.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
487	06/21/2015 12:24	1615.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
488	06/21/2015 12:25	1606.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
489	06/21/2015 12:26	1598.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
490	06/21/2015 12:27	1589.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
491	06/21/2015 12:28	1581.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
492	06/21/2015 12:29	1573.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
493	06/21/2015 12:30	1565.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
494	06/21/2015 12:31	1556.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
495	06/21/2015 12:32	1547.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
496	06/21/2015 12:33	1538.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
497	06/21/2015 12:34	1528.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
498	06/21/2015 12:35	1519.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
499	06/21/2015 12:36	1510.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
500	06/21/2015 12:37	1501.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
501	06/21/2015 12:38	1492.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
502	06/21/2015 12:39	1482.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
503	06/21/2015 12:40	1472.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
504	06/21/2015 12:41	1462.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
505	06/21/2015 12:42	1451.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
506	06/21/2015 12:43	1441.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
507	06/21/2015 12:44	1430.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
508	06/21/2015 12:45	1420.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
509	06/21/2015 12:46	1410.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
510	06/21/2015 12:47	1399.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
511	06/21/2015 12:48	1389.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
512	06/21/2015 12:49	1378.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
513	06/21/2015 12:50	1367.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
514	06/21/2015 12:51	1356.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
515	06/21/2015 12:52	1345.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
516	06/21/2015 12:53	1333.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
517	06/21/2015 12:54	1321.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
518	06/21/2015 12:55	1309.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
519	06/21/2015 12:56	1297.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
520	06/21/2015 12:57	1285.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
521	06/21/2015 12:58	1273.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
522	06/21/2015 12:59	1262.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
523	06/21/2015 13:00	1250.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
524	06/21/2015 13:01	1239.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
525	06/21/2015 13:02	1227.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
526	06/21/2015 13:03	1214.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
527	06/21/2015 13:04	1199.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
528	06/21/2015 13:05	1185.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
<1695

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combu stion	Automatic Waste Feed Cutoff?
529	06/21/2015 13:06	1171.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
530	06/21/2015 13:07	1158.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
531	06/21/2015 13:08	1145.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
532	06/21/2015 13:09	1133.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
533	06/21/2015 13:10	1123.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
534	06/21/2015 13:11	1113.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
535	06/21/2015 13:12	1104.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
536	06/21/2015 13:13	1096.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
537	06/21/2015 13:14	1089.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
538	06/21/2015 13:15	1082.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
539	06/21/2015 13:16	1076.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
540	06/21/2015 13:17	1070.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
541	06/21/2015 13:18	1065.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
542	06/21/2015 13:19	1060.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
543	06/21/2015 13:20	1054.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
544	06/21/2015 13:21	1049.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
545	06/21/2015 13:22	1043.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
546	06/21/2015 13:23	1038.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
547	06/21/2015 13:24	1032.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
548	06/21/2015 13:25	1027.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
549	06/21/2015 13:26	1022.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
550	06/21/2015 13:27	1017.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
551	06/21/2015 13:28	1012.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
552	06/21/2015 13:29	1008.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
553	06/21/2015 13:30	1003.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
554	06/21/2015 13:31	998.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
555	06/21/2015 13:32	993.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
556	06/21/2015 13:33	988.45	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
557	06/21/2015 13:34	983.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
558	06/21/2015 13:35	978.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
559	06/21/2015 13:36	974.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
560	06/21/2015 13:37	969.45	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
561	06/21/2015 13:38	965.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
562	06/21/2015 13:39	960.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
563	06/21/2015 13:40	957.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
564	06/21/2015 13:41	953.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
565	06/21/2015 13:42	949.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
566	06/21/2015 13:43	945.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
567	06/21/2015 13:44	941.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
568	06/21/2015 13:45	937.55	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
569	06/21/2015 13:46	933.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
570	06/21/2015 13:47	929.89	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
571	06/21/2015 13:48	926.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
572	06/21/2015 13:49	922.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
573	06/21/2015 13:50	919.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
574	06/21/2015 13:51	915.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
575	06/21/2015 13:52	912.48	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
576	06/21/2015 13:53	909.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
577	06/21/2015 13:54	905.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
578	06/21/2015 13:55	901.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
579	06/21/2015 13:56	898.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
580	06/21/2015 13:57	895.08	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
581	06/21/2015 13:58	891.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
582	06/21/2015 13:59	888.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
583	06/21/2015 14:00	885.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
584	06/21/2015 14:01	882.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
585	06/21/2015 14:02	879.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
586	06/21/2015 14:03	877.20	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
587	06/21/2015 14:04	874.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
588	06/21/2015 14:05	873.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
589	06/21/2015 14:06	871.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
590	06/21/2015 14:07	870.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
591	06/21/2015 14:08	868.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
592	06/21/2015 14:09	868.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
593	06/21/2015 14:10	867.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
594	06/21/2015 14:11	866.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
<1695

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
595	06/21/2015 14:12	865.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
596	06/21/2015 14:13	864.89	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
597	06/21/2015 14:14	863.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
598	06/21/2015 14:15	862.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
599	06/21/2015 14:16	860.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
600	06/21/2015 14:17	858.61	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
601	06/21/2015 14:18	856.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
602	06/21/2015 14:19	854.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
603	06/21/2015 14:20	852.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
604	06/21/2015 14:21	850.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
605	06/21/2015 14:22	848.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
606	06/21/2015 14:23	846.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
607	06/21/2015 14:24	844.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
608	06/21/2015 14:25	841.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
609	06/21/2015 14:26	839.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
610	06/21/2015 14:27	837.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
611	06/21/2015 14:28	834.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
612	06/21/2015 14:29	832.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
613	06/21/2015 14:30	829.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
614	06/21/2015 14:31	828.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
615	06/21/2015 14:32	826.45	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
616	06/21/2015 14:33	825.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
617	06/21/2015 14:34	826.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
618	06/21/2015 14:35	827.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
619	06/21/2015 14:36	828.42	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
620	06/21/2015 14:37	829.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
621	06/21/2015 14:38	831.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
622	06/21/2015 14:39	832.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
623	06/21/2015 14:40	834.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
624	06/21/2015 14:41	836.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
625	06/21/2015 14:42	839.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
626	06/21/2015 14:43	841.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
627	06/21/2015 14:44	844.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
628	06/21/2015 14:45	847.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
629	06/21/2015 14:46	851.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
630	06/21/2015 14:47	854.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
631	06/21/2015 14:48	857.64	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
632	06/21/2015 14:49	860.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
633	06/21/2015 14:50	864.33	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
634	06/21/2015 14:51	867.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
635	06/21/2015 14:52	871.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
636	06/21/2015 14:53	876.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
637	06/21/2015 14:54	881.05	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
638	06/21/2015 14:55	885.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
639	06/21/2015 14:56	890.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
640	06/21/2015 14:57	895.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
641	06/21/2015 14:58	900.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
642	06/21/2015 14:59	905.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
643	06/21/2015 15:00	910.20	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
644	06/21/2015 15:01	915.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
645	06/21/2015 15:02	920.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
646	06/21/2015 15:03	926.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
647	06/21/2015 15:04	932.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
648	06/21/2015 15:05	938.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
649	06/21/2015 15:06	944.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
650	06/21/2015 15:07	951.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
651	06/21/2015 15:08	957.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
652	06/21/2015 15:09	964.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
653	06/21/2015 15:10	971.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
654	06/21/2015 15:11	978.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
655	06/21/2015 15:12	986.45	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
656	06/21/2015 15:13	994.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
657	06/21/2015 15:14	1002.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
658	06/21/2015 15:15	1009.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
659	06/21/2015 15:16	1017.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
660	06/21/2015 15:17	1025.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
<1695

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
661	06/21/2015 15:18	1033.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
662	06/21/2015 15:19	1041.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
663	06/21/2015 15:20	1050.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
664	06/21/2015 15:21	1058.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
665	06/21/2015 15:22	1066.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
666	06/21/2015 15:23	1074.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
667	06/21/2015 15:24	1083.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
668	06/21/2015 15:25	1091.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
669	06/21/2015 15:26	1100.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
670	06/21/2015 15:27	1109.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
671	06/21/2015 15:28	1118.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
672	06/21/2015 15:29	1127.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
673	06/21/2015 15:30	1137.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
674	06/21/2015 15:31	1145.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
675	06/21/2015 15:32	1154.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
676	06/21/2015 15:33	1162.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
677	06/21/2015 15:34	1169.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
678	06/21/2015 15:35	1176.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
679	06/21/2015 15:36	1183.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
680	06/21/2015 15:37	1189.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
681	06/21/2015 15:38	1196.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
682	06/21/2015 15:39	1202.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
683	06/21/2015 15:40	1209.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
684	06/21/2015 15:41	1215.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
685	06/21/2015 15:42	1220.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
686	06/21/2015 15:43	1226.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
687	06/21/2015 15:44	1231.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
688	06/21/2015 15:45	1236.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
689	06/21/2015 15:46	1241.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
690	06/21/2015 15:47	1246.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
691	06/21/2015 15:48	1251.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
692	06/21/2015 15:49	1256.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
693	06/21/2015 15:50	1261.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
694	06/21/2015 15:51	1266.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
695	06/21/2015 15:52	1271.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
696	06/21/2015 15:53	1275.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
697	06/21/2015 15:54	1279.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
698	06/21/2015 15:55	1283.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
699	06/21/2015 15:56	1287.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
700	06/21/2015 15:57	1292.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
701	06/21/2015 15:58	1296.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
702	06/21/2015 15:59	1301.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
703	06/21/2015 16:00	1305.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
704	06/21/2015 16:01	1309.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
705	06/21/2015 16:02	1313.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
706	06/21/2015 16:03	1317.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
707	06/21/2015 16:04	1321.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
708	06/21/2015 16:05	1324.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
709	06/21/2015 16:06	1328.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
710	06/21/2015 16:07	1330.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
711	06/21/2015 16:08	1333.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
712	06/21/2015 16:09	1336.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
713	06/21/2015 16:10	1339.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
714	06/21/2015 16:11	1341.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
715	06/21/2015 16:12	1344.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
716	06/21/2015 16:13	1346.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
717	06/21/2015 16:14	1349.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
718	06/21/2015 16:15	1351.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
719	06/21/2015 16:16	1353.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
720	06/21/2015 16:17	1356.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
721	06/21/2015 16:18	1358.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
722	06/21/2015 16:19	1361.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
723	06/21/2015 16:20	1363.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
724	06/21/2015 16:21	1365.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
725	06/21/2015 16:22	1367.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
726	06/21/2015 16:23	1370.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

Kiln Temperature
<1695

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

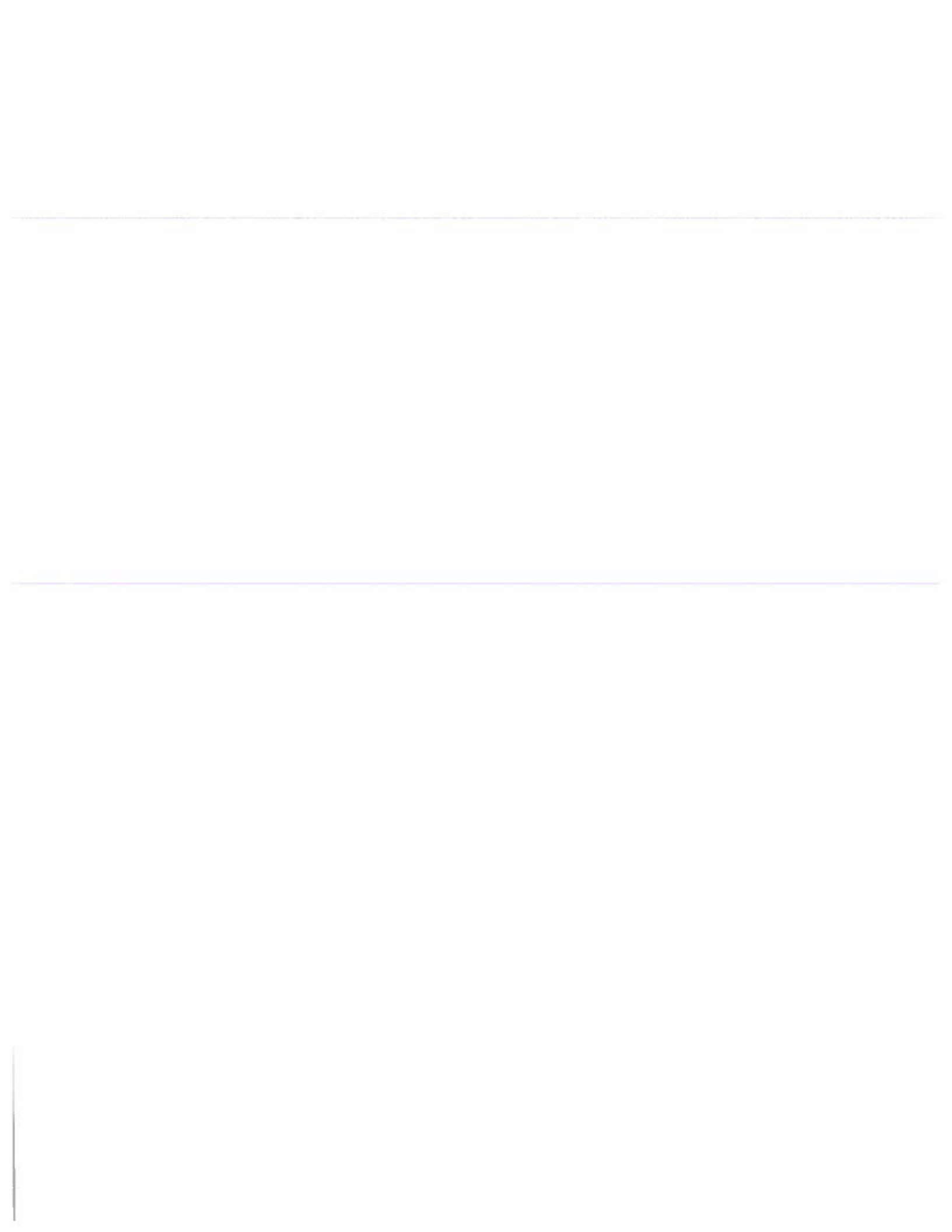
	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste In Combustion	Automatic Waste Feed Cutoff?
727	06/21/2015 16:24	1372.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
728	06/21/2015 16:25	1374.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
729	06/21/2015 16:26	1376.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
730	06/21/2015 16:27	1377.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
731	06/21/2015 16:28	1379.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
732	06/21/2015 16:29	1381.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
733	06/21/2015 16:30	1382.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
734	06/21/2015 16:31	1383.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
735	06/21/2015 16:32	1385.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
736	06/21/2015 16:33	1386.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
737	06/21/2015 16:34	1387.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
738	06/21/2015 16:35	1387.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
739	06/21/2015 16:36	1388.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
740	06/21/2015 16:37	1388.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
741	06/21/2015 16:38	1389.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
742	06/21/2015 16:39	1389.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
743	06/21/2015 16:40	1390.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
744	06/21/2015 16:41	1390.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
745	06/21/2015 16:42	1391.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
746	06/21/2015 16:43	1392.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
747	06/21/2015 16:44	1393.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
748	06/21/2015 16:45	1393.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
749	06/21/2015 16:46	1394.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
750	06/21/2015 16:47	1395.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
751	06/21/2015 16:48	1395.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
752	06/21/2015 16:49	1396.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
753	06/21/2015 16:50	1396.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
754	06/21/2015 16:51	1396.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
755	06/21/2015 16:52	1397.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
756	06/21/2015 16:53	1397.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
757	06/21/2015 16:54	1397.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
758	06/21/2015 16:55	1397.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
759	06/21/2015 16:56	1397.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
760	06/21/2015 16:57	1397.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
761	06/21/2015 16:58	1397.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
		761	Total Minutes in Exceedance				
		4	Number of Events				

Temperature is Report
on a One Hour
Average

SCC Temperature < 1710

SCC Temperature must be sufficient while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
04/14/2015 04:59	1671.0	58	Malfunction Instrument	Replaced switch. Restarted unit.
04/24/2015 21:10	733.1	144	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.
06/02/2015 22:25	1508.8	62	Malfunction Instrument	Restarted unit. Replaced UPS battery.
06/05/2015 15:20	1699.3	62	Malfunction Power Failure	Power restored. Unit restarted.
06/18/2015 22:01	729.9	289	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.
06/21/2015 12:12	730.1	287	Malfunction Instrument	Repaired instrument. Restarted unit.
		902	Total Minutes	
Note: Revised OPL's established during CPT were implemented on 6/18/15				



Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combu stion Zone?	Automatic Waste Feed Cutoff?
1	04/14/2015 04:59	1742.25	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
2	04/14/2015 05:00	1742.25	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
3	04/14/2015 05:01	1722.72	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
4	04/14/2015 05:02	1722.72	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
5	04/14/2015 05:03	1703.88	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
6	04/14/2015 05:04	1703.88	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
7	04/14/2015 05:05	1694.75	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
8	04/14/2015 05:06	1683.28	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
9	04/14/2015 05:07	1683.28	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
10	04/14/2015 05:08	1679.13	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
11	04/14/2015 05:09	1675.84	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
12	04/14/2015 05:10	1671.69	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
13	04/14/2015 05:11	1671.69	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
14	04/14/2015 05:12	1670.97	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
15	04/14/2015 05:13	1670.97	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
16	04/14/2015 05:14	1673.53	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
17	04/14/2015 05:15	1674.50	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
18	04/14/2015 05:16	1675.34	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
19	04/14/2015 05:17	1675.94	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
20	04/14/2015 05:18	1677.13	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
21	04/14/2015 05:19	1678.88	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
22	04/14/2015 05:20	1678.88	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
23	04/14/2015 05:21	1680.34	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
24	04/14/2015 05:22	1680.34	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
25	04/14/2015 05:23	1679.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
26	04/14/2015 05:24	1679.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
27	04/14/2015 05:25	1680.22	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
28	04/14/2015 05:26	1682.47	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
29	04/14/2015 05:27	1682.47	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
30	04/14/2015 05:28	1684.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
31	04/14/2015 05:29	1687.00	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
32	04/14/2015 05:30	1687.00	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
33	04/14/2015 05:31	1687.25	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
34	04/14/2015 05:32	1687.19	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
35	04/14/2015 05:33	1687.88	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
36	04/14/2015 05:34	1688.25	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
37	04/14/2015 05:35	1688.25	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
38	04/14/2015 05:36	1688.84	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
39	04/14/2015 05:37	1688.84	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
40	04/14/2015 05:38	1690.28	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
41	04/14/2015 05:39	1690.78	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
42	04/14/2015 05:40	1691.13	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
43	04/14/2015 05:41	1691.13	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
44	04/14/2015 05:42	1691.44	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
45	04/14/2015 05:43	1692.50	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
46	04/14/2015 05:44	1695.69	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
47	04/14/2015 05:45	1695.69	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
48	04/14/2015 05:46	1696.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
49	04/14/2015 05:47	1697.03	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
50	04/14/2015 05:48	1697.03	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
51	04/14/2015 05:49	1701.19	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
52	04/14/2015 05:50	1705.38	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
53	04/14/2015 05:51	1705.38	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
54	04/14/2015 05:52	1716.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
55	04/14/2015 05:53	1716.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
56	04/14/2015 05:54	1722.72	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
57	04/14/2015 05:55	1735.91	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
58	04/14/2015 05:56	1743.28	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
59	04/24/2015 21:10	1735.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
60	04/24/2015 21:11	1722.25	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
61	04/24/2015 21:12	1708.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
62	04/24/2015 21:13	1694.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
63	04/24/2015 21:14	1680.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
64	04/24/2015 21:15	1666.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
65	04/24/2015 21:16	1652.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
66	04/24/2015 21:17	1638.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
67	04/24/2015 21:18	1623.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
68	04/24/2015 21:19	1609.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
69	04/24/2015 21:20	1595.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
70	04/24/2015 21:21	1580.31	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
71	04/24/2015 21:22	1565.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
72	04/24/2015 21:23	1550.88	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
73	04/24/2015 21:24	1536.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
74	04/24/2015 21:25	1521.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
75	04/24/2015 21:26	1506.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
76	04/24/2015 21:27	1491.81	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
77	04/24/2015 21:28	1477.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
78	04/24/2015 21:29	1462.31	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
79	04/24/2015 21:30	1447.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
80	04/24/2015 21:31	1432.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
81	04/24/2015 21:32	1417.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
82	04/24/2015 21:33	1402.78	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
83	04/24/2015 21:34	1387.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
84	04/24/2015 21:35	1372.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
85	04/24/2015 21:36	1358.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
86	04/24/2015 21:37	1343.38	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
87	04/24/2015 21:38	1328.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
88	04/24/2015 21:39	1314.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
89	04/24/2015 21:40	1299.31	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
90	04/24/2015 21:41	1284.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
91	04/24/2015 21:42	1269.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
92	04/24/2015 21:43	1254.88	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
93	04/24/2015 21:44	1240.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
94	04/24/2015 21:45	1225.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
95	04/24/2015 21:46	1210.22	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
96	04/24/2015 21:47	1195.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
97	04/24/2015 21:48	1180.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
98	04/24/2015 21:49	1165.59	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
99	04/24/2015 21:50	1150.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
100	04/24/2015 21:51	1135.88	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
101	04/24/2015 21:52	1121.03	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
102	04/24/2015 21:53	1106.16	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
103	04/24/2015 21:54	1091.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
104	04/24/2015 21:55	1076.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
105	04/24/2015 21:56	1061.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
106	04/24/2015 21:57	1046.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
107	04/24/2015 21:58	1031.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
108	04/24/2015 21:59	1016.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
109	04/24/2015 22:00	1001.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
110	04/24/2015 22:01	986.50	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
111	04/24/2015 22:02	971.52	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
112	04/24/2015 22:03	956.50	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
113	04/24/2015 22:04	942.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
114	04/24/2015 22:05	931.50	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
115	04/24/2015 22:06	924.05	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
116	04/24/2015 22:07	920.02	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
117	04/24/2015 22:08	918.52	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
118	04/24/2015 22:09	917.20	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
119	04/24/2015 22:10	915.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
120	04/24/2015 22:11	914.70	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
121	04/24/2015 22:12	913.55	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
122	04/24/2015 22:13	912.45	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
123	04/24/2015 22:14	911.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
124	04/24/2015 22:15	910.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
125	04/24/2015 22:16	909.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
126	04/24/2015 22:17	908.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
127	04/24/2015 22:18	907.67	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
128	04/24/2015 22:19	906.77	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes

Temperature Is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
129	04/24/2015 22:20	905.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
130	04/24/2015 22:21	904.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
131	04/24/2015 22:22	902.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
132	04/24/2015 22:23	900.23	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
133	04/24/2015 22:24	897.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
134	04/24/2015 22:25	894.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
135	04/24/2015 22:26	891.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
136	04/24/2015 22:27	887.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
137	04/24/2015 22:28	884.33	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
138	04/24/2015 22:29	880.98	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
139	04/24/2015 22:30	877.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
140	04/24/2015 22:31	874.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
141	04/24/2015 22:32	871.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
142	04/24/2015 22:33	867.88	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
143	04/24/2015 22:34	864.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
144	04/24/2015 22:35	861.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
145	04/24/2015 22:36	858.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
146	04/24/2015 22:37	855.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
147	04/24/2015 22:38	852.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
148	04/24/2015 22:39	849.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
149	04/24/2015 22:40	846.42	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
150	04/24/2015 22:41	843.45	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
151	04/24/2015 22:42	840.55	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
152	04/24/2015 22:43	837.64	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
153	04/24/2015 22:44	834.77	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
154	04/24/2015 22:45	831.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
155	04/24/2015 22:46	829.08	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
156	04/24/2015 22:47	826.22	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
157	04/24/2015 22:48	823.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
158	04/24/2015 22:49	820.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
159	04/24/2015 22:50	817.61	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
160	04/24/2015 22:51	814.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
161	04/24/2015 22:52	811.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
162	04/24/2015 22:53	808.97	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
163	04/24/2015 22:54	806.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
164	04/24/2015 22:55	803.31	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
165	04/24/2015 22:56	800.52	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
166	04/24/2015 22:57	797.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
167	04/24/2015 22:58	794.98	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
168	04/24/2015 22:59	792.23	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
169	04/24/2015 23:00	789.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
170	04/24/2015 23:01	786.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
171	04/24/2015 23:02	783.98	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
172	04/24/2015 23:03	781.27	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
173	04/24/2015 23:04	778.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
174	04/24/2015 23:05	775.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
175	04/24/2015 23:06	773.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
176	04/24/2015 23:07	770.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
177	04/24/2015 23:08	768.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
178	04/24/2015 23:09	765.52	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
179	04/24/2015 23:10	762.95	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
180	04/24/2015 23:11	760.39	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
181	04/24/2015 23:12	757.86	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
182	04/24/2015 23:13	755.33	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
183	04/24/2015 23:14	752.80	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
184	04/24/2015 23:15	750.27	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
185	04/24/2015 23:16	747.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
186	04/24/2015 23:17	745.25	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
187	04/24/2015 23:18	742.78	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
188	04/24/2015 23:19	740.39	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
189	04/24/2015 23:20	738.19	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
190	04/24/2015 23:21	736.30	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
191	04/24/2015 23:22	734.88	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
192	04/24/2015 23:23	733.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
193	04/24/2015 23:24	733.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
194	04/24/2015 23:25	733.19	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
195	04/24/2015 23:26	733.11	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
196	04/24/2015 23:27	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
197	04/24/2015 23:28	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
198	04/24/2015 23:29	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
199	04/24/2015 23:30	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
200	04/24/2015 23:31	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
201	04/24/2015 23:32	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
202	04/24/2015 23:33	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
203	06/02/2015 22:25	1739.38	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
204	06/02/2015 22:26	1727.56	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
205	06/02/2015 22:27	1716.34	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
206	06/02/2015 22:28	1704.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
207	06/02/2015 22:29	1693.31	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
208	06/02/2015 22:30	1681.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
209	06/02/2015 22:31	1669.84	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
210	06/02/2015 22:32	1657.59	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
211	06/02/2015 22:33	1644.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
212	06/02/2015 22:34	1631.59	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
213	06/02/2015 22:35	1618.88	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
214	06/02/2015 22:36	1607.50	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
215	06/02/2015 22:37	1597.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
216	06/02/2015 22:38	1589.56	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
217	06/02/2015 22:39	1582.31	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
218	06/02/2015 22:40	1575.09	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
219	06/02/2015 22:41	1567.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
220	06/02/2015 22:42	1560.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
221	06/02/2015 22:43	1553.72	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
222	06/02/2015 22:44	1546.31	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
223	06/02/2015 22:45	1538.91	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
224	06/02/2015 22:46	1531.84	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
225	06/02/2015 22:47	1525.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
226	06/02/2015 22:48	1520.75	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
227	06/02/2015 22:49	1517.03	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
228	06/02/2015 22:50	1514.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
229	06/02/2015 22:51	1511.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
230	06/02/2015 22:52	1510.16	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
231	06/02/2015 22:53	1509.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
232	06/02/2015 22:54	1508.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
233	06/02/2015 22:55	1509.31	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
234	06/02/2015 22:56	1510.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
235	06/02/2015 22:57	1511.50	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
236	06/02/2015 22:58	1512.56	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
237	06/02/2015 22:59	1513.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
238	06/02/2015 23:00	1515.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
239	06/02/2015 23:01	1518.19	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
240	06/02/2015 23:02	1521.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
241	06/02/2015 23:03	1525.53	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
242	06/02/2015 23:04	1529.16	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
243	06/02/2015 23:05	1531.91	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
244	06/02/2015 23:06	1533.59	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
245	06/02/2015 23:07	1535.09	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
246	06/02/2015 23:08	1535.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
247	06/02/2015 23:09	1535.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
248	06/02/2015 23:10	1534.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
249	06/02/2015 23:11	1534.44	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
250	06/02/2015 23:12	1535.06	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
251	06/02/2015 23:13	1535.59	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
252	06/02/2015 23:14	1536.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
253	06/02/2015 23:15	1541.63	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
254	06/02/2015 23:16	1546.75	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
255	06/02/2015 23:17	1561.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
256	06/02/2015 23:18	1575.41	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
257	06/02/2015 23:19	1594.53	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
258	06/02/2015 23:20	1612.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
259	06/02/2015 23:21	1629.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
260	06/02/2015 23:22	1645.28	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
261	06/02/2015 23:23	1660.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
262	06/02/2015 23:24	1674.47	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
263	06/02/2015 23:25	1688.00	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
264	06/02/2015 23:26	1700.75	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
265	06/05/2015 15:20	1741.66	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
266	06/05/2015 15:21	1738.09	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
267	06/05/2015 15:22	1732.59	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
268	06/05/2015 15:23	1729.44	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
269	06/05/2015 15:24	1726.03	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
270	06/05/2015 15:25	1722.44	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
271	06/05/2015 15:26	1719.13	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
272	06/05/2015 15:27	1716.63	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
273	06/05/2015 15:28	1715.22	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
274	06/05/2015 15:29	1714.63	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
275	06/05/2015 15:30	1714.38	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
276	06/05/2015 15:31	1713.97	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
277	06/05/2015 15:32	1713.38	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
278	06/05/2015 15:33	1712.91	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
279	06/05/2015 15:34	1712.78	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
280	06/05/2015 15:35	1713.19	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
281	06/05/2015 15:36	1714.28	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
282	06/05/2015 15:37	1715.72	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
283	06/05/2015 15:38	1717.22	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
284	06/05/2015 15:39	1718.41	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
285	06/05/2015 15:40	1718.81	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
286	06/05/2015 15:41	1718.56	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
287	06/05/2015 15:42	1717.56	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
288	06/05/2015 15:43	1716.50	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
289	06/05/2015 15:44	1715.53	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
290	06/05/2015 15:45	1715.03	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
291	06/05/2015 15:46	1715.13	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
292	06/05/2015 15:47	1715.56	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
293	06/05/2015 15:48	1716.25	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
294	06/05/2015 15:49	1717.00	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
295	06/05/2015 15:50	1717.69	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
296	06/05/2015 15:51	1717.78	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
297	06/05/2015 15:52	1717.28	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
298	06/05/2015 15:53	1716.50	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
299	06/05/2015 15:54	1715.66	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
300	06/05/2015 15:55	1715.53	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
301	06/05/2015 15:56	1716.00	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
302	06/05/2015 15:57	1716.59	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
303	06/05/2015 15:58	1717.13	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
304	06/05/2015 15:59	1717.34	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
305	06/05/2015 16:00	1717.34	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
306	06/05/2015 16:01	1717.09	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
307	06/05/2015 16:02	1716.41	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
308	06/05/2015 16:03	1715.28	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
309	06/05/2015 16:04	1713.72	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
310	06/05/2015 16:05	1712.03	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
311	06/05/2015 16:06	1710.53	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
312	06/05/2015 16:07	1709.06	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
313	06/05/2015 16:08	1707.44	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
314	06/05/2015 16:09	1705.63	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
315	06/05/2015 16:10	1703.69	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
316	06/05/2015 16:11	1701.88	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
317	06/05/2015 16:12	1701.00	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
318	06/05/2015 16:13	1700.25	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
319	06/05/2015 16:14	1699.25	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
320	06/05/2015 16:15	1700.03	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
321	06/05/2015 16:16	1704.25	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
322	06/05/2015 16:17	1712.13	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
323	06/05/2015 16:18	1721.88	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
324	06/05/2015 16:19	1731.13	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
325	06/05/2015 16:20	1740.38	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
326	06/05/2015 16:21	1744.53	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
327	06/18/2015 22:01	1708.72	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
328	06/18/2015 22:02	1689.91	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
329	06/18/2015 22:03	1672.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
330	06/18/2015 22:04	1655.91	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
331	06/18/2015 22:05	1638.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
332	06/18/2015 22:06	1621.72	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
333	06/18/2015 22:07	1604.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
334	06/18/2015 22:08	1587.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
335	06/18/2015 22:09	1570.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
336	06/18/2015 22:10	1553.81	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
337	06/18/2015 22:11	1537.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
338	06/18/2015 22:12	1521.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
339	06/18/2015 22:13	1503.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
340	06/18/2015 22:14	1486.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
341	06/18/2015 22:15	1467.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
342	06/18/2015 22:16	1449.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
343	06/18/2015 22:17	1431.31	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
344	06/18/2015 22:18	1413.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
345	06/18/2015 22:19	1395.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
346	06/18/2015 22:20	1377.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
347	06/18/2015 22:21	1359.63	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
348	06/18/2015 22:22	1341.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
349	06/18/2015 22:23	1324.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
350	06/18/2015 22:24	1306.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
351	06/18/2015 22:25	1288.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
352	06/18/2015 22:26	1270.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
353	06/18/2015 22:27	1252.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
354	06/18/2015 22:28	1235.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
355	06/18/2015 22:29	1217.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
356	06/18/2015 22:30	1200.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
357	06/18/2015 22:31	1182.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
358	06/18/2015 22:32	1165.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
359	06/18/2015 22:33	1147.72	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
360	06/18/2015 22:34	1130.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
361	06/18/2015 22:35	1112.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
362	06/18/2015 22:36	1094.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
363	06/18/2015 22:37	1076.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
364	06/18/2015 22:38	1058.41	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
365	06/18/2015 22:39	1040.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
366	06/18/2015 22:40	1023.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
367	06/18/2015 22:41	1005.81	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
368	06/18/2015 22:42	988.89	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
369	06/18/2015 22:43	972.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
370	06/18/2015 22:44	955.50	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
371	06/18/2015 22:45	939.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
372	06/18/2015 22:46	922.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
373	06/18/2015 22:47	906.83	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
374	06/18/2015 22:48	890.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
375	06/18/2015 22:49	874.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
376	06/18/2015 22:50	857.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
377	06/18/2015 22:51	841.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
378	06/18/2015 22:52	824.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
379	06/18/2015 22:53	808.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
380	06/18/2015 22:54	791.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
381	06/18/2015 22:55	774.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
382	06/18/2015 22:56	759.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
383	06/18/2015 22:57	748.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
384	06/18/2015 22:58	737.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

SCC Temperature must be > 1710 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

[illegible]

SCC Temperature must be > 1710 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

Heritage Thermal Services
2nd Quarter 2015

SCC Temperature must be > 1710 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

Heritage Thermal Services
2nd Quarter 2015

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
577	06/19/2015 02:11	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
578	06/19/2015 02:12	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
579	06/19/2015 02:13	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
580	06/19/2015 02:14	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
581	06/19/2015 02:15	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
582	06/19/2015 02:16	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
583	06/19/2015 02:17	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
584	06/19/2015 02:18	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
585	06/19/2015 02:19	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
586	06/19/2015 02:20	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
587	06/19/2015 02:21	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
588	06/19/2015 02:22	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
589	06/19/2015 02:23	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
590	06/19/2015 02:24	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
591	06/19/2015 02:25	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
592	06/19/2015 02:26	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
593	06/19/2015 02:27	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
594	06/19/2015 02:28	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
595	06/19/2015 02:29	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
596	06/19/2015 02:30	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
597	06/19/2015 02:31	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
598	06/19/2015 02:32	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
599	06/19/2015 02:33	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
600	06/19/2015 02:34	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
601	06/19/2015 02:35	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
602	06/19/2015 02:36	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
603	06/19/2015 02:37	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
604	06/19/2015 02:38	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
605	06/19/2015 02:39	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
606	06/19/2015 02:40	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
607	06/19/2015 02:41	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
608	06/19/2015 02:42	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
609	06/19/2015 02:43	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
610	06/19/2015 02:44	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
611	06/19/2015 02:45	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
612	06/19/2015 02:46	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
613	06/19/2015 02:47	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
614	06/19/2015 02:48	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
615	06/19/2015 02:49	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
616	06/21/2015 12:12	1708.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
617	06/21/2015 12:13	1701.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
618	06/21/2015 12:14	1693.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
619	06/21/2015 12:15	1685.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
620	06/21/2015 12:16	1676.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
621	06/21/2015 12:17	1667.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
622	06/21/2015 12:18	1657.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
623	06/21/2015 12:19	1647.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
624	06/21/2015 12:20	1637.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
625	06/21/2015 12:21	1627.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
626	06/21/2015 12:22	1617.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
627	06/21/2015 12:23	1607.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
628	06/21/2015 12:24	1597.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
629	06/21/2015 12:25	1586.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
630	06/21/2015 12:26	1576.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
631	06/21/2015 12:27	1566.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
632	06/21/2015 12:28	1557.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
633	06/21/2015 12:29	1548.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
634	06/21/2015 12:30	1539.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
635	06/21/2015 12:31	1530.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
636	06/21/2015 12:32	1520.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
637	06/21/2015 12:33	1509.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
638	06/21/2015 12:34	1499.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
639	06/21/2015 12:35	1488.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
640	06/21/2015 12:36	1478.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combu stion Zone?	Automatic Waste Feed Cutoff?
641	06/21/2015 12:37	1467.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
642	06/21/2015 12:38	1457.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
643	06/21/2015 12:39	1446.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
644	06/21/2015 12:40	1434.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
645	06/21/2015 12:41	1422.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
646	06/21/2015 12:42	1410.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
647	06/21/2015 12:43	1398.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
648	06/21/2015 12:44	1385.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
649	06/21/2015 12:45	1373.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
650	06/21/2015 12:46	1361.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
651	06/21/2015 12:47	1349.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
652	06/21/2015 12:48	1336.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
653	06/21/2015 12:49	1324.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
654	06/21/2015 12:50	1311.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
655	06/21/2015 12:51	1298.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
656	06/21/2015 12:52	1285.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
657	06/21/2015 12:53	1271.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
658	06/21/2015 12:54	1257.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
659	06/21/2015 12:55	1243.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
660	06/21/2015 12:56	1229.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
661	06/21/2015 12:57	1214.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
662	06/21/2015 12:58	1200.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
663	06/21/2015 12:59	1186.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
664	06/21/2015 13:00	1173.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
665	06/21/2015 13:01	1160.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
666	06/21/2015 13:02	1146.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
667	06/21/2015 13:03	1130.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
668	06/21/2015 13:04	1113.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
669	06/21/2015 13:05	1095.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
670	06/21/2015 13:06	1080.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
671	06/21/2015 13:07	1065.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
672	06/21/2015 13:08	1050.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
673	06/21/2015 13:09	1038.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
674	06/21/2015 13:10	1027.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
675	06/21/2015 13:11	1016.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
676	06/21/2015 13:12	1006.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
677	06/21/2015 13:13	997.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
678	06/21/2015 13:14	989.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
679	06/21/2015 13:15	981.05	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
680	06/21/2015 13:16	973.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
681	06/21/2015 13:17	966.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
682	06/21/2015 13:18	958.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
683	06/21/2015 13:19	952.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
684	06/21/2015 13:20	945.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
685	06/21/2015 13:21	939.30	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
686	06/21/2015 13:22	932.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
687	06/21/2015 13:23	926.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
688	06/21/2015 13:24	919.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
689	06/21/2015 13:25	913.98	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
690	06/21/2015 13:26	908.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
691	06/21/2015 13:27	902.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
692	06/21/2015 13:28	896.39	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
693	06/21/2015 13:29	890.42	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
694	06/21/2015 13:30	884.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
695	06/21/2015 13:31	878.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
696	06/21/2015 13:32	872.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
697	06/21/2015 13:33	866.98	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
698	06/21/2015 13:34	861.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
699	06/21/2015 13:35	856.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
700	06/21/2015 13:36	850.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
701	06/21/2015 13:37	845.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
702	06/21/2015 13:38	840.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
703	06/21/2015 13:39	835.42	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
704	06/21/2015 13:40	830.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
705	06/21/2015 13:41	826.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
706	06/21/2015 13:42	821.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
707	06/21/2015 13:43	817.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
708	06/21/2015 13:44	813.27	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
709	06/21/2015 13:45	809.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
710	06/21/2015 13:46	805.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
711	06/21/2015 13:47	801.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
712	06/21/2015 13:48	798.11	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
713	06/21/2015 13:49	795.11	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
714	06/21/2015 13:50	792.11	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
715	06/21/2015 13:51	789.08	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
716	06/21/2015 13:52	786.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
717	06/21/2015 13:53	783.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
718	06/21/2015 13:54	780.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
719	06/21/2015 13:55	777.08	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
720	06/21/2015 13:56	774.20	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
721	06/21/2015 13:57	771.45	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
722	06/21/2015 13:58	768.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
723	06/21/2015 13:59	766.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
724	06/21/2015 14:00	763.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
725	06/21/2015 14:01	761.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
726	06/21/2015 14:02	758.55	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
727	06/21/2015 14:03	756.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
728	06/21/2015 14:04	754.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
729	06/21/2015 14:05	752.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
730	06/21/2015 14:06	750.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
731	06/21/2015 14:07	749.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
732	06/21/2015 14:08	747.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
733	06/21/2015 14:09	746.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
734	06/21/2015 14:10	745.30	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
735	06/21/2015 14:11	744.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
736	06/21/2015 14:12	743.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
737	06/21/2015 14:13	742.83	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
738	06/21/2015 14:14	742.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
739	06/21/2015 14:15	741.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
740	06/21/2015 14:16	740.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
741	06/21/2015 14:17	739.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
742	06/21/2015 14:18	739.14	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
743	06/21/2015 14:19	738.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
744	06/21/2015 14:20	737.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
745	06/21/2015 14:21	737.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
746	06/21/2015 14:22	736.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
747	06/21/2015 14:23	735.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
748	06/21/2015 14:24	735.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
749	06/21/2015 14:25	734.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
750	06/21/2015 14:26	734.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
751	06/21/2015 14:27	733.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
752	06/21/2015 14:28	733.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
753	06/21/2015 14:29	732.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
754	06/21/2015 14:30	732.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
755	06/21/2015 14:31	731.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
756	06/21/2015 14:32	731.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
757	06/21/2015 14:33	731.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
758	06/21/2015 14:34	730.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
759	06/21/2015 14:35	730.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
760	06/21/2015 14:36	730.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
761	06/21/2015 14:37	730.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
762	06/21/2015 14:38	730.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
763	06/21/2015 14:39	730.11	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
764	06/21/2015 14:40	730.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
765	06/21/2015 14:41	730.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
766	06/21/2015 14:42	730.55	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
767	06/21/2015 14:43	730.83	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
768	06/21/2015 14:44	731.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
769	06/21/2015 14:45	732.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
770	06/21/2015 14:46	732.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
771	06/21/2015 14:47	733.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
772	06/21/2015 14:48	734.30	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
773	06/21/2015 14:49	734.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
774	06/21/2015 14:50	735.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
775	06/21/2015 14:51	736.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
776	06/21/2015 14:52	738.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
777	06/21/2015 14:53	740.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
778	06/21/2015 14:54	743.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
779	06/21/2015 14:55	746.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
780	06/21/2015 14:56	750.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
781	06/21/2015 14:57	753.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
782	06/21/2015 14:58	757.83	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
783	06/21/2015 14:59	761.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
784	06/21/2015 15:00	766.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
785	06/21/2015 15:01	770.95	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
786	06/21/2015 15:02	775.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
787	06/21/2015 15:03	780.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
788	06/21/2015 15:04	785.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
789	06/21/2015 15:05	790.55	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
790	06/21/2015 15:06	795.83	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
791	06/21/2015 15:07	801.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
792	06/21/2015 15:08	806.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
793	06/21/2015 15:09	811.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
794	06/21/2015 15:10	816.92	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
795	06/21/2015 15:11	821.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
796	06/21/2015 15:12	826.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
797	06/21/2015 15:13	831.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
798	06/21/2015 15:14	836.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
799	06/21/2015 15:15	842.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
800	06/21/2015 15:16	847.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
801	06/21/2015 15:17	852.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
802	06/21/2015 15:18	858.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
803	06/21/2015 15:19	863.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
804	06/21/2015 15:20	869.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
805	06/21/2015 15:21	874.83	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
806	06/21/2015 15:22	880.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
807	06/21/2015 15:23	886.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
808	06/21/2015 15:24	892.14	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
809	06/21/2015 15:25	898.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
810	06/21/2015 15:26	904.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
811	06/21/2015 15:27	910.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
812	06/21/2015 15:28	916.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
813	06/21/2015 15:29	922.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
814	06/21/2015 15:30	928.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
815	06/21/2015 15:31	934.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
816	06/21/2015 15:32	941.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
817	06/21/2015 15:33	947.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
818	06/21/2015 15:34	953.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
819	06/21/2015 15:35	959.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
820	06/21/2015 15:36	966.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
821	06/21/2015 15:37	972.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
822	06/21/2015 15:38	979.14	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
823	06/21/2015 15:39	985.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
824	06/21/2015 15:40	992.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
825	06/21/2015 15:41	998.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
826	06/21/2015 15:42	1004.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
827	06/21/2015 15:43	1011.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
828	06/21/2015 15:44	1017.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
829	06/21/2015 15:45	1023.95	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
830	06/21/2015 15:46	1030.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
831	06/21/2015 15:47	1036.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
832	06/21/2015 15:48	1042.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
833	06/21/2015 15:49	1049.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
834	06/21/2015 15:50	1055.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
835	06/21/2015 15:51	1061.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
836	06/21/2015 15:52	1066.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
837	06/21/2015 15:53	1071.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
838	06/21/2015 15:54	1075.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
839	06/21/2015 15:55	1080.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
840	06/21/2015 15:56	1084.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
841	06/21/2015 15:57	1088.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
842	06/21/2015 15:58	1092.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
843	06/21/2015 15:59	1095.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
844	06/21/2015 16:00	1099.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
845	06/21/2015 16:01	1102.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
846	06/21/2015 16:02	1105.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
847	06/21/2015 16:03	1108.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
848	06/21/2015 16:04	1111.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
849	06/21/2015 16:05	1114.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
850	06/21/2015 16:06	1117.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
851	06/21/2015 16:07	1120.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
852	06/21/2015 16:08	1123.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
853	06/21/2015 16:09	1126.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
854	06/21/2015 16:10	1129.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
855	06/21/2015 16:11	1132.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
856	06/21/2015 16:12	1135.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
857	06/21/2015 16:13	1139.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
858	06/21/2015 16:14	1142.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
859	06/21/2015 16:15	1145.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
860	06/21/2015 16:16	1148.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
861	06/21/2015 16:17	1150.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
862	06/21/2015 16:18	1153.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
863	06/21/2015 16:19	1156.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
864	06/21/2015 16:20	1159.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
865	06/21/2015 16:21	1162.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
866	06/21/2015 16:22	1165.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
867	06/21/2015 16:23	1168.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
868	06/21/2015 16:24	1170.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
869	06/21/2015 16:25	1172.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
870	06/21/2015 16:26	1175.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
871	06/21/2015 16:27	1177.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
872	06/21/2015 16:28	1179.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
873	06/21/2015 16:29	1181.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
874	06/21/2015 16:30	1184.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
875	06/21/2015 16:31	1186.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
876	06/21/2015 16:32	1188.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
877	06/21/2015 16:33	1190.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
878	06/21/2015 16:34	1192.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
879	06/21/2015 16:35	1194.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
880	06/21/2015 16:36	1195.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
881	06/21/2015 16:37	1197.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
882	06/21/2015 16:38	1198.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
883	06/21/2015 16:39	1200.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
884	06/21/2015 16:40	1202.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
885	06/21/2015 16:41	1204.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
886	06/21/2015 16:42	1205.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
887	06/21/2015 16:43	1207.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
888	06/21/2015 16:44	1209.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
889	06/21/2015 16:45	1210.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
890	06/21/2015 16:46	1212.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
891	06/21/2015 16:47	1213.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
892	06/21/2015 16:48	1214.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
893	06/21/2015 16:49	1215.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
894	06/21/2015 16:50	1216.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
895	06/21/2015 16:51	1217.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
896	06/21/2015 16:52	1218.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report
on a One Hour
Average

SCC Temperature
< 1710

SCC Temperature must be > 1710 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combu stion Zone?	Automatic Waste Feed Cutoff?
897	06/21/2015 16:53	1220.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
898	06/21/2015 16:54	1221.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
899	06/21/2015 16:55	1221.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
900	06/21/2015 16:56	1222.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
901	06/21/2015 16:57	1222.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
902	06/21/2015 16:58	1223.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
		902	Total Minutes in Exceedance				
		6	Number of Events				

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Summary

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

Date	MAXIMUM PPM	Duration (min)	Reason	Corrective Action
Waste				
04/02/2015 03:12	10.9	58	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.
04/05/2015 07:41	12.1	58	Operator Error Feed Prep	Restarted unit. Re-trained operator.
04/07/2015 19:07	18.6	60	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.
04/08/2015 15:25	13.3	45	Operator Error Line Flush	Restarted unit. Re-trained operator.
04/16/2015 06:44	11.7	66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.
04/17/2015 20:00	10.2	13	Operator Error Feed Mix	Restarted unit. Spaced out feeds.
04/20/2015 18:56	18.4	60	Malfunction Line Plugging	Cleared line. Restarted unit.
04/24/2015 21:41	10.1	2	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.
04/26/2015 15:25	33.3	64	Operator Error Feed Prep	Reduced charges. Restarted unit.
05/02/2015 19:54	14.0	59	Malfunction Lance Purging	Cleared line. Restarted unit.
05/06/2015 14:17	15.9	60	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.
05/13/2015 03:11	14.5	58	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.
05/13/2015 14:56	13.9	46	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.
05/16/2015 17:17	23.3	60	Operator Error Feed Prep	Reduced charges. Restarted unit.
05/27/2015 16:13	19.6	60	Malfunction ID Fan Shutdown	Restarted unit.
05/28/2015 19:45	20.8	60	Malfunction Clinker Fell	Restarted unit.
06/03/2015 00:38	10.8	56	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.
06/18/2015 21:59	149.5	255	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.
06/21/2015 13:01	11.7	9	Malfunction Instrument	Repaired instrument. Restarted unit.
06/21/2015 13:20	25.5	96	Malfunction Instrument	Repaired instrument. Restarted unit.
06/27/2015 17:23	10.9	18	Malfunction Lance Plugging	Cleared lance. Restarted unit.
		1263	Total Minutes	
Fuels				
04/23/2015 00:27	12.3	1	Shutdown ESP Problems	Adjusted burner
04/23/2015 00:51	20.1	91	Shutdown ESP Problems	Adjusted burner
05/29/2015 11:44	10.5	7	Shutdown SCC inspection	Adjusted burner
05/29/2015 12:04	11.7	42	Shutdown SCC inspection	Adjusted burner
06/20/2015 20:47	15.7	43	Startup Boiler Tube Outage	Adjusted burner
		184	Total Minutes	

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
2nd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
2nd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
2nd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
2nd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
2nd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

		>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combust ion Zone?	Automatic Waste Feed Cutoff?
	Date						
346	04/20/2015 19:41	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
347	04/20/2015 19:42	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
348	04/20/2015 19:43	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
349	04/20/2015 19:44	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
350	04/20/2015 19:45	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
351	04/20/2015 19:46	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
352	04/20/2015 19:47	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
353	04/20/2015 19:48	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
354	04/20/2015 19:49	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
355	04/20/2015 19:50	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
356	04/20/2015 19:51	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
357	04/20/2015 19:52	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
358	04/20/2015 19:53	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
359	04/20/2015 19:54	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
360	04/20/2015 19:55	16.98	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
361	04/24/2015 21:41	10.07	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
362	04/24/2015 21:42	10.04	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
363	04/26/2015 15:25	11.62	Operator Error Feed Prep	Reduced charges. Restarted unit.	Waste	Yes	Yes
364	04/26/2015 15:26	15.83	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
365	04/26/2015 15:27	17.19	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
366	04/26/2015 15:28	22.01	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
367	04/26/2015 15:29	29.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
368	04/26/2015 15:30	32.48	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
369	04/26/2015 15:31	33.21	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
370	04/26/2015 15:32	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
371	04/26/2015 15:33	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
372	04/26/2015 15:34	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
373	04/26/2015 15:35	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
374	04/26/2015 15:36	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
375	04/26/2015 15:37	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
376	04/26/2015 15:38	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
377	04/26/2015 15:39	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
378	04/26/2015 15:40	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
379	04/26/2015 15:41	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
380	04/26/2015 15:42	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
381	04/26/2015 15:43	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
382	04/26/2015 15:44	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
383	04/26/2015 15:45	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
384	04/26/2015 15:46	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
385	04/26/2015 15:47	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
386	04/26/2015 15:48	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
387	04/26/2015 15:49	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
388	04/26/2015 15:50	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
389	04/26/2015 15:51	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
390	04/26/2015 15:52	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
391	04/26/2015 15:53	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
392	04/26/2015 15:54	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
393	04/26/2015 15:55	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
394	04/26/2015 15:56	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
395	04/26/2015 15:57	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
396	04/26/2015 15:58	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
397	04/26/2015 15:59	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
398	04/26/2015 16:00	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
399	04/26/2015 16:01	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
400	04/26/2015 16:02	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
401	04/26/2015 16:03	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
402	04/26/2015 16:04	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
403	04/26/2015 16:05	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
404	04/26/2015 16:06	32.85	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
405	04/26/2015 16:07	32.36	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
406	04/26/2015 16:08	32.01	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
407	04/26/2015 16:09	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
408	04/26/2015 16:10	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
409	04/26/2015 16:11	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
410	04/26/2015 16:12	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
411	04/26/2015 16:13	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
412	04/26/2015 16:14	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
413	04/26/2015 16:15	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
414	04/26/2015 16:16	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
2nd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

		>10 PPM					
	Date	Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
484	05/02/2015 20:51	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
485	05/02/2015 20:52	13.07	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
486	05/06/2015 14:17	11.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Waste	Yes	Yes
487	05/06/2015 14:18	14.61	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Waste	Yes	Yes
488	05/06/2015 14:19	15.53	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
489	05/06/2015 14:20	15.79	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
490	05/06/2015 14:21	15.88	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
491	05/06/2015 14:22	15.90	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
492	05/06/2015 14:23	15.91	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
493	05/06/2015 14:24	15.91	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
494	05/06/2015 14:25	15.89	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
495	05/06/2015 14:26	15.73	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
496	05/06/2015 14:27	15.59	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
497	05/06/2015 14:28	15.52	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
498	05/06/2015 14:29	15.47	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
499	05/06/2015 14:30	15.48	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
500	05/06/2015 14:31	15.40	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
501	05/06/2015 14:32	15.34	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
502	05/06/2015 14:33	15.33	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
503	05/06/2015 14:34	15.33	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
504	05/06/2015 14:35	15.33	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
505	05/06/2015 14:36	14.58	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
506	05/06/2015 14:37	13.94	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
507	05/06/2015 14:38	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
508	05/06/2015 14:39	14.07	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
509	05/06/2015 14:40	14.12	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
510	05/06/2015 14:41	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
511	05/06/2015 14:42	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
512	05/06/2015 14:43	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
513	05/06/2015 14:44	14.17	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
514	05/06/2015 14:45	14.17	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
515	05/06/2015 14:46	14.18	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
516	05/06/2015 14:47	14.20	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
517	05/06/2015 14:48	14.20	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
518	05/06/2015 14:49	14.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
519	05/06/2015 14:50	14.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
520	05/06/2015 14:51	14.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
521	05/06/2015 14:52	14.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
522	05/06/2015 14:53	14.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
523	05/06/2015 14:54	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
524	05/06/2015 14:55	14.14	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
525	05/06/2015 14:56	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
526	05/06/2015 14:57	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
527	05/06/2015 14:58	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
528	05/06/2015 14:59	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
529	05/06/2015 15:00	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
530	05/06/2015 15:01	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
531	05/06/2015 15:02	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
532	05/06/2015 15:03	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
533	05/06/2015 15:04	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
534	05/06/2015 15:05	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
535	05/06/2015 15:06	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
536	05/06/2015 15:07	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
537	05/06/2015 15:08	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
538	05/06/2015 15:09	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
539	05/06/2015 15:10	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
540	05/06/2015 15:11	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
541	05/06/2015 15:12	14.17	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
542	05/06/2015 15:13	14.18	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
543	05/06/2015 15:14	14.18	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
544	05/06/2015 15:15	14.18	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
545	05/06/2015 15:16	14.17	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
546	05/13/2015 03:11	13.19	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Waste	Yes	Yes
547	05/13/2015 03:12	14.11	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
548	05/13/2015 03:13	14.35	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
549	05/13/2015 03:14	14.38	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
550	05/13/2015 03:15	14.37	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
551	05/13/2015 03:16	14.37	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
552	05/13/2015 03:17	14.38	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
2nd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
2nd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

		>10 PPM					Waste in Combust ion Zone?	Automatic Waste Feed Cutoff?
	Date	Corr	Reason		Corrective Action	Incinerator Operation		
691	05/16/2015 17:58	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
692	05/16/2015 17:59	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
693	05/16/2015 18:00	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
694	05/16/2015 18:01	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
695	05/16/2015 18:02	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
696	05/16/2015 18:03	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
697	05/16/2015 18:04	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
698	05/16/2015 18:05	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
699	05/16/2015 18:06	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
700	05/16/2015 18:07	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
701	05/16/2015 18:08	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
702	05/16/2015 18:09	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
703	05/16/2015 18:10	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
704	05/16/2015 18:11	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
705	05/16/2015 18:12	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
706	05/16/2015 18:13	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
707	05/16/2015 18:14	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
708	05/16/2015 18:15	18.31	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
709	05/16/2015 18:16	13.48	Operator Error Feed Prep		Reduced charges. Restarted unit.	Retention	Yes	Yes
710	05/27/2015 16:13	15.07	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
711	05/27/2015 16:14	18.33	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
712	05/27/2015 16:15	19.27	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
713	05/27/2015 16:16	19.53	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
714	05/27/2015 16:17	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
715	05/27/2015 16:18	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
716	05/27/2015 16:19	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
717	05/27/2015 16:20	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
718	05/27/2015 16:21	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
719	05/27/2015 16:22	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
720	05/27/2015 16:23	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
721	05/27/2015 16:24	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
722	05/27/2015 16:25	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
723	05/27/2015 16:26	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
724	05/27/2015 16:27	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
725	05/27/2015 16:28	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
726	05/27/2015 16:29	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
727	05/27/2015 16:30	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
728	05/27/2015 16:31	19.59	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
729	05/27/2015 16:32	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
730	05/27/2015 16:33	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
731	05/27/2015 16:34	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
732	05/27/2015 16:35	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
733	05/27/2015 16:36	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
734	05/27/2015 16:37	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
735	05/27/2015 16:38	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
736	05/27/2015 16:39	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
737	05/27/2015 16:40	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
738	05/27/2015 16:41	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
739	05/27/2015 16:42	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
740	05/27/2015 16:43	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
741	05/27/2015 16:44	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
742	05/27/2015 16:45	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
743	05/27/2015 16:46	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
744	05/27/2015 16:47	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
745	05/27/2015 16:48	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
746	05/27/2015 16:49	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
747	05/27/2015 16:50	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
748	05/27/2015 16:51	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
749	05/27/2015 16:52	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
750	05/27/2015 16:53	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
751	05/27/2015 16:54	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
752	05/27/2015 16:55	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
753	05/27/2015 16:56	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
754	05/27/2015 16:57	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
755	05/27/2015 16:58	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
756	05/27/2015 16:59	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
757	05/27/2015 17:00	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
758	05/27/2015 17:01	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes
759	05/27/2015 17:02	19.61	Malfunction ID Fan Shutdown		Restarted unit.	Retention	Yes	Yes

Heritage Thermal Services
2nd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
760	05/27/2015 17:03	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
761	05/27/2015 17:04	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
762	05/27/2015 17:05	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
763	05/27/2015 17:06	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
764	05/27/2015 17:07	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
765	05/27/2015 17:08	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
766	05/27/2015 17:09	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
767	05/27/2015 17:10	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
768	05/27/2015 17:11	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
769	05/27/2015 17:12	14.26	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
770	05/28/2015 19:45	13.86	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
771	05/28/2015 19:46	18.62	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
772	05/28/2015 19:47	19.92	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
773	05/28/2015 19:48	20.29	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
774	05/28/2015 19:49	20.39	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
775	05/28/2015 19:50	20.41	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
776	05/28/2015 19:51	20.41	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
777	05/28/2015 19:52	20.42	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
778	05/28/2015 19:53	20.42	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
779	05/28/2015 19:54	20.42	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
780	05/28/2015 19:55	20.42	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
781	05/28/2015 19:56	20.48	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
782	05/28/2015 19:57	20.71	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
783	05/28/2015 19:58	20.74	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
784	05/28/2015 19:59	20.74	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
785	05/28/2015 20:00	20.74	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
786	05/28/2015 20:01	20.74	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
787	05/28/2015 20:02	20.66	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
788	05/28/2015 20:03	20.66	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
789	05/28/2015 20:04	20.66	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
790	05/28/2015 20:05	20.66	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
791	05/28/2015 20:06	20.66	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
792	05/28/2015 20:07	20.76	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
793	05/28/2015 20:08	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
794	05/28/2015 20:09	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
795	05/28/2015 20:10	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
796	05/28/2015 20:11	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
797	05/28/2015 20:12	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
798	05/28/2015 20:13	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
799	05/28/2015 20:14	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
800	05/28/2015 20:15	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
801	05/28/2015 20:16	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
802	05/28/2015 20:17	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
803	05/28/2015 20:18	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
804	05/28/2015 20:19	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
805	05/28/2015 20:20	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
806	05/28/2015 20:21	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
807	05/28/2015 20:22	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
808	05/28/2015 20:23	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
809	05/28/2015 20:24	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
810	05/28/2015 20:25	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
811	05/28/2015 20:26	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
812	05/28/2015 20:27	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
813	05/28/2015 20:28	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
814	05/28/2015 20:29	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
815	05/28/2015 20:30	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
816	05/28/2015 20:31	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
817	05/28/2015 20:32	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
818	05/28/2015 20:33	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
819	05/28/2015 20:34	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
820	05/28/2015 20:35	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
821	05/28/2015 20:36	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
822	05/28/2015 20:37	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
823	05/28/2015 20:38	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
824	05/28/2015 20:39	20.81	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
825	05/28/2015 20:40	20.81	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
826	05/28/2015 20:41	20.81	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
827	05/28/2015 20:42	20.81	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
828	05/28/2015 20:43	20.76	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
2nd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combust ion Zone?	Automatic Waste Feed Cutoff?
898	06/18/2015 22:11	97.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
899	06/18/2015 22:12	98.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
900	06/18/2015 22:13	99.46	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
901	06/18/2015 22:14	100.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
902	06/18/2015 22:15	100.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
903	06/18/2015 22:16	101.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
904	06/18/2015 22:17	102.40	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
905	06/18/2015 22:18	103.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
906	06/18/2015 22:19	103.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
907	06/18/2015 22:20	104.40	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
908	06/18/2015 22:21	105.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
909	06/18/2015 22:22	105.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
910	06/18/2015 22:23	106.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
911	06/18/2015 22:24	106.63	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
912	06/18/2015 22:25	107.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
913	06/18/2015 22:26	108.74	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
914	06/18/2015 22:27	110.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
915	06/18/2015 22:28	111.57	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
916	06/18/2015 22:29	112.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
917	06/18/2015 22:30	114.39	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
918	06/18/2015 22:31	115.80	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
919	06/18/2015 22:32	117.26	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
920	06/18/2015 22:33	118.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
921	06/18/2015 22:34	120.10	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
922	06/18/2015 22:35	121.41	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
923	06/18/2015 22:36	122.66	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
924	06/18/2015 22:37	123.84	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
925	06/18/2015 22:38	124.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
926	06/18/2015 22:39	126.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
927	06/18/2015 22:40	127.24	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
928	06/18/2015 22:41	128.46	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
929	06/18/2015 22:42	129.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
930	06/18/2015 22:43	130.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
931	06/18/2015 22:44	132.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
932	06/18/2015 22:45	133.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
933	06/18/2015 22:46	134.35	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
934	06/18/2015 22:47	135.51	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
935	06/18/2015 22:48	136.74	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
936	06/18/2015 22:49	138.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
937	06/18/2015 22:50	139.33	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
938	06/18/2015 22:51	140.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
939	06/18/2015 22:52	142.07	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
940	06/18/2015 22:53	143.53	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
941	06/18/2015 22:54	145.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
942	06/18/2015 22:55	146.48	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
943	06/18/2015 22:56	147.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
944	06/18/2015 22:57	149.50	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
945	06/18/2015 22:58	142.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
946	06/18/2015 22:59	133.36	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
947	06/18/2015 23:00	126.29	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
948	06/18/2015 23:01	113.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
949	06/18/2015 23:02	107.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
950	06/18/2015 23:03	96.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
951	06/18/2015 23:04	86.21	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
952	06/18/2015 23:05	80.67	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
953	06/18/2015 23:06	77.37	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
954	06/18/2015 23:07	75.43	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
955	06/18/2015 23:08	74.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
956	06/18/2015 23:09	73.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
957	06/18/2015 23:10	73.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
958	06/18/2015 23:11	72.66	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
959	06/18/2015 23:12	72.93	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
960	06/18/2015 23:13	73.39	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
961	06/18/2015 23:14	73.95	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
962	06/18/2015 23:15	74.58	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
963	06/18/2015 23:16	75.21	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
964	06/18/2015 23:17	76.01	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
965	06/18/2015 23:18	76.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
966	06/18/2015 23:19	77.96	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
2nd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Inclinator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
967	06/18/2015 23:20	79.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
968	06/18/2015 23:21	80.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
969	06/18/2015 23:22	81.10	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
970	06/18/2015 23:23	82.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
971	06/18/2015 23:24	83.29	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
972	06/18/2015 23:25	83.93	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
973	06/18/2015 23:26	84.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
974	06/18/2015 23:27	83.96	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
975	06/18/2015 23:28	83.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
976	06/18/2015 23:29	83.81	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
977	06/18/2015 23:30	83.67	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
978	06/18/2015 23:31	83.49	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
979	06/18/2015 23:32	83.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
980	06/18/2015 23:33	82.99	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
981	06/18/2015 23:34	82.90	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
982	06/18/2015 23:35	82.83	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
983	06/18/2015 23:36	82.80	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
984	06/18/2015 23:37	82.81	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
985	06/18/2015 23:38	82.87	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
986	06/18/2015 23:39	82.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
987	06/18/2015 23:40	82.84	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
988	06/18/2015 23:41	82.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
989	06/18/2015 23:42	82.65	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
990	06/18/2015 23:43	82.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
991	06/18/2015 23:44	82.54	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
992	06/18/2015 23:45	82.42	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
993	06/18/2015 23:46	82.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
994	06/18/2015 23:47	82.10	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
995	06/18/2015 23:48	81.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
996	06/18/2015 23:49	81.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
997	06/18/2015 23:50	81.10	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
998	06/18/2015 23:51	80.70	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
999	06/18/2015 23:52	80.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1000	06/18/2015 23:53	79.76	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1001	06/18/2015 23:54	79.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1002	06/18/2015 23:55	78.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1003	06/18/2015 23:56	78.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1004	06/18/2015 23:57	77.38	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1005	06/18/2015 23:58	76.67	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1006	06/18/2015 23:59	75.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1007	06/19/2015 00:00	75.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1008	06/19/2015 00:01	74.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1009	06/19/2015 00:02	73.55	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1010	06/19/2015 00:03	72.91	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1011	06/19/2015 00:04	72.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1012	06/19/2015 00:05	71.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1013	06/19/2015 00:06	70.93	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1014	06/19/2015 00:07	70.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1015	06/19/2015 00:08	69.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1016	06/19/2015 00:09	68.74	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1017	06/19/2015 00:10	68.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1018	06/19/2015 00:11	67.31	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1019	06/19/2015 00:12	66.60	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1020	06/19/2015 00:13	65.89	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1021	06/19/2015 00:14	65.21	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1022	06/19/2015 00:15	64.48	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1023	06/19/2015 00:16	63.71	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1024	06/19/2015 00:17	62.81	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1025	06/19/2015 00:18	61.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1026	06/19/2015 00:19	60.71	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1027	06/19/2015 00:20	59.65	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1028	06/19/2015 00:21	58.60	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1029	06/19/2015 00:22	57.57	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1030	06/19/2015 00:23	56.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1031	06/19/2015 00:24	55.41	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1032	06/19/2015 00:25	54.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1033	06/19/2015 00:26	53.60	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1034	06/19/2015 00:27	52.79	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1035	06/19/2015 00:28	52.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
2nd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1036	06/19/2015 00:29	51.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1037	06/19/2015 00:30	50.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1038	06/19/2015 00:31	49.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1039	06/19/2015 00:32	49.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1040	06/19/2015 00:33	48.37	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1041	06/19/2015 00:34	47.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1042	06/19/2015 00:35	46.86	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1043	06/19/2015 00:36	46.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1044	06/19/2015 00:37	45.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1045	06/19/2015 00:38	44.76	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1046	06/19/2015 00:39	44.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1047	06/19/2015 00:40	43.48	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1048	06/19/2015 00:41	42.83	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1049	06/19/2015 00:42	42.15	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1050	06/19/2015 00:43	41.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1051	06/19/2015 00:44	40.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1052	06/19/2015 00:45	40.24	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1053	06/19/2015 00:46	39.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1054	06/19/2015 00:47	39.17	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1055	06/19/2015 00:48	38.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1056	06/19/2015 00:49	38.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1057	06/19/2015 00:50	37.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1058	06/19/2015 00:51	37.24	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1059	06/19/2015 00:52	36.71	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1060	06/19/2015 00:53	36.20	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1061	06/19/2015 00:54	35.71	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1062	06/19/2015 00:55	35.24	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1063	06/19/2015 00:56	34.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1064	06/19/2015 00:57	34.40	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1065	06/19/2015 00:58	33.99	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1066	06/19/2015 00:59	33.57	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1067	06/19/2015 01:00	33.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1068	06/19/2015 01:01	32.76	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1069	06/19/2015 01:02	32.38	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1070	06/19/2015 01:03	31.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1071	06/19/2015 01:04	31.65	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1072	06/19/2015 01:05	31.35	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1073	06/19/2015 01:06	31.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1074	06/19/2015 01:07	30.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1075	06/19/2015 01:08	30.48	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1076	06/19/2015 01:09	30.15	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1077	06/19/2015 01:10	29.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1078	06/19/2015 01:11	29.51	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1079	06/19/2015 01:12	29.21	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1080	06/19/2015 01:13	28.93	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1081	06/19/2015 01:14	28.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1082	06/19/2015 01:15	28.43	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1083	06/19/2015 01:16	28.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1084	06/19/2015 01:17	27.99	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1085	06/19/2015 01:18	27.77	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1086	06/19/2015 01:19	27.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1087	06/19/2015 01:20	27.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1088	06/19/2015 01:21	27.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1089	06/19/2015 01:22	26.80	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1090	06/19/2015 01:23	26.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1091	06/19/2015 01:24	26.46	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1092	06/19/2015 01:25	26.31	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1093	06/19/2015 01:26	26.15	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1094	06/19/2015 01:27	25.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1095	06/19/2015 01:28	25.79	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1096	06/19/2015 01:29	25.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1097	06/19/2015 01:30	25.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1098	06/19/2015 01:31	25.26	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1099	06/19/2015 01:32	25.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1100	06/19/2015 01:33	24.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1101	06/19/2015 01:34	24.86	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1102	06/19/2015 01:35	24.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1103	06/19/2015 01:36	24.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1104	06/19/2015 01:37	24.49	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
2nd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combust ion Zone?	Automatic Waste Feed Cutoff?
1105	06/19/2015 01:38	24.36	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1106	06/19/2015 01:39	24.20	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1107	06/19/2015 01:40	23.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1108	06/19/2015 01:41	23.39	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1109	06/19/2015 01:42	22.96	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1110	06/19/2015 01:43	22.55	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1111	06/19/2015 01:44	22.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1112	06/19/2015 01:45	21.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1113	06/19/2015 01:46	21.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1114	06/19/2015 01:47	20.79	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1115	06/19/2015 01:48	20.33	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1116	06/19/2015 01:49	19.87	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1117	06/19/2015 01:50	19.43	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1118	06/19/2015 01:51	19.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1119	06/19/2015 01:52	18.58	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1120	06/19/2015 01:53	18.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1121	06/19/2015 01:54	17.73	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1122	06/19/2015 01:55	17.29	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1123	06/19/2015 01:56	16.86	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1124	06/19/2015 01:57	16.42	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1125	06/19/2015 01:58	16.01	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1126	06/19/2015 01:59	15.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1127	06/19/2015 02:00	15.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1128	06/19/2015 02:01	14.80	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1129	06/19/2015 02:02	14.42	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1130	06/19/2015 02:03	14.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1131	06/19/2015 02:04	13.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1132	06/19/2015 02:05	13.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1133	06/19/2015 02:06	12.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1134	06/19/2015 02:07	12.43	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1135	06/19/2015 02:08	12.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1136	06/19/2015 02:09	11.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1137	06/19/2015 02:10	11.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1138	06/19/2015 02:11	10.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1139	06/19/2015 02:12	10.63	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1140	06/19/2015 02:13	10.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1141	06/21/2015 13:01	10.08	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1142	06/21/2015 13:02	10.30	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1143	06/21/2015 13:03	10.49	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1144	06/21/2015 13:04	10.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1145	06/21/2015 13:05	10.95	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1146	06/21/2015 13:06	11.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1147	06/21/2015 13:07	11.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1148	06/21/2015 13:08	11.65	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1149	06/21/2015 13:09	11.07	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1150	06/21/2015 13:20	10.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1151	06/21/2015 13:21	10.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1152	06/21/2015 13:22	11.14	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1153	06/21/2015 13:23	11.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1154	06/21/2015 13:24	12.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1155	06/21/2015 13:25	12.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1156	06/21/2015 13:26	13.18	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1157	06/21/2015 13:27	13.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1158	06/21/2015 13:28	14.12	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1159	06/21/2015 13:29	14.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1160	06/21/2015 13:30	14.90	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1161	06/21/2015 13:31	15.27	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1162	06/21/2015 13:32	15.65	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1163	06/21/2015 13:33	16.05	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1164	06/21/2015 13:34	16.43	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1165	06/21/2015 13:35	16.79	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1166	06/21/2015 13:36	17.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1167	06/21/2015 13:37	17.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1168	06/21/2015 13:38	17.87	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1169	06/21/2015 13:39	18.20	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1170	06/21/2015 13:40	18.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1171	06/21/2015 13:41	18.82	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1172	06/21/2015 13:42	19.10	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1173	06/21/2015 13:43	19.39	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
2nd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1174	06/21/2015 13:44	19.64	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1175	06/21/2015 13:45	19.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1176	06/21/2015 13:46	20.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1177	06/21/2015 13:47	20.37	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1178	06/21/2015 13:48	20.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1179	06/21/2015 13:49	21.10	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1180	06/21/2015 13:50	21.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1181	06/21/2015 13:51	21.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1182	06/21/2015 13:52	21.89	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1183	06/21/2015 13:53	22.08	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1184	06/21/2015 13:54	22.29	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1185	06/21/2015 13:55	22.48	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1186	06/21/2015 13:56	22.65	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1187	06/21/2015 13:57	22.82	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1188	06/21/2015 13:58	23.05	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1189	06/21/2015 13:59	23.27	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1190	06/21/2015 14:00	23.49	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1191	06/21/2015 14:01	23.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1192	06/21/2015 14:02	23.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1193	06/21/2015 14:03	24.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1194	06/21/2015 14:04	24.27	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1195	06/21/2015 14:05	24.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1196	06/21/2015 14:06	24.68	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1197	06/21/2015 14:07	24.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1198	06/21/2015 14:08	25.05	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1199	06/21/2015 14:09	25.24	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1200	06/21/2015 14:10	25.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1201	06/21/2015 14:11	25.51	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1202	06/21/2015 14:12	25.42	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1203	06/21/2015 14:13	25.29	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1204	06/21/2015 14:14	25.10	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1205	06/21/2015 14:15	24.85	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1206	06/21/2015 14:16	24.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1207	06/21/2015 14:17	24.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1208	06/21/2015 14:18	23.76	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1209	06/21/2015 14:19	23.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1210	06/21/2015 14:20	23.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1211	06/21/2015 14:21	22.62	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1212	06/21/2015 14:22	22.21	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1213	06/21/2015 14:23	21.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1214	06/21/2015 14:24	21.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1215	06/21/2015 14:25	21.04	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1216	06/21/2015 14:26	20.64	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1217	06/21/2015 14:27	20.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1218	06/21/2015 14:28	19.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1219	06/21/2015 14:29	19.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1220	06/21/2015 14:30	19.15	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1221	06/21/2015 14:31	18.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1222	06/21/2015 14:32	18.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1223	06/21/2015 14:33	18.33	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1224	06/21/2015 14:34	17.99	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1225	06/21/2015 14:35	17.64	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1226	06/21/2015 14:36	17.26	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1227	06/21/2015 14:37	16.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1228	06/21/2015 14:38	16.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1229	06/21/2015 14:39	16.12	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1230	06/21/2015 14:40	15.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1231	06/21/2015 14:41	15.35	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1232	06/21/2015 14:42	14.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1233	06/21/2015 14:43	14.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1234	06/21/2015 14:44	14.20	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1235	06/21/2015 14:45	13.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1236	06/21/2015 14:46	13.48	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1237	06/21/2015 14:47	13.10	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1238	06/21/2015 14:48	12.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1239	06/21/2015 14:49	12.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1240	06/21/2015 14:50	12.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1241	06/21/2015 14:51	11.68	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1242	06/21/2015 14:52	11.32	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
2nd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1243	06/21/2015 14:53	10.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1244	06/21/2015 14:54	10.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1245	06/21/2015 14:55	10.11	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1246	06/27/2015 17:23	10.16	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Waste	Yes	Yes
1247	06/27/2015 17:24	10.80	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1248	06/27/2015 17:25	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1249	06/27/2015 17:26	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1250	06/27/2015 17:27	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1251	06/27/2015 17:28	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1252	06/27/2015 17:29	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1253	06/27/2015 17:30	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1254	06/27/2015 17:31	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1255	06/27/2015 17:32	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1256	06/27/2015 17:33	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1257	06/27/2015 17:34	10.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1258	06/27/2015 17:35	10.81	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1259	06/27/2015 17:36	10.81	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1260	06/27/2015 17:37	10.81	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1261	06/27/2015 17:38	10.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1262	06/27/2015 17:39	10.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1263	06/27/2015 17:40	10.14	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
		1263	Total Minutes in Exceedance				
		21	Number of Events				
			Total Emissions for the Quarter				
		391	(LBS)				
		0.20	(Tons)				

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
2nd Quarter 2015

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Apr-15	06:46 AM	07:07 AM	21	Calibration Check	17-May-15	07:20 AM	07:42 AM	22	Calibration Check
02-Apr-15	07:03 AM	07:17 AM	14	Calibration Check	18-May-15	06:20 AM	06:41 AM	21	Calibration Check
03-Apr-15	07:02 AM	07:24 AM	22	Calibration Check	19-May-15	06:20 AM	06:41 AM	21	Calibration Check
04-Apr-15	09:11 AM	09:32 AM	21	Calibration Check	20-May-15	06:20 AM	06:41 AM	21	Calibration Check
05-Apr-15	11:01 AM	11:22 AM	21	Calibration Check	21-May-15	06:20 AM	06:41 AM	21	Calibration Check
06-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	22-May-15	06:20 AM	06:41 AM	21	Calibration Check
07-Apr-15	07:00 AM	07:08 AM	8	Calibration Check	23-May-15	06:20 AM	06:41 AM	21	Calibration Check
08-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	24-May-15	06:20 AM	06:41 AM	21	Calibration Check
09-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	25-May-15	07:05 AM	07:27 AM	22	Calibration Check
10-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	26-May-15	07:00 AM	07:22 AM	22	Calibration Check
11-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	27-May-15	06:20 AM	06:41 AM	21	Calibration Check
12-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	28-May-15	06:36 AM	06:57 AM	21	Calibration Check
13-Apr-15	06:39 AM	07:01 AM	22	Calibration Check	29-May-15	06:37 AM	06:59 AM	22	Calibration Check
14-Apr-15	07:12 AM	07:34 AM	22	Calibration Check	30-May-15	11:15 AM	11:37 AM	22	Calibration Check
15-Apr-15	06:43 AM	07:05 AM	22	Calibration Check	31-May-15	08:12 AM	08:34 AM	22	Calibration Check
16-Apr-15	06:48 AM	07:09 AM	21	Calibration Check	01-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
17-Apr-15	06:16 AM	06:38 AM	22	Calibration Check	02-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
18-Apr-15	06:27 AM	06:49 AM	22	Calibration Check	03-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
19-Apr-15	06:14 AM	06:36 AM	22	Calibration Check	04-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
20-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	05-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
21-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	06-Jun-15	07:35 AM	07:50 AM	15	Calibration Check
22-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	07-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
23-Apr-15	07:04 AM	07:18 AM	14	Calibration Check	08-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
24-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	09-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
25-Apr-15	06:46 AM	07:01 AM	15	Calibration Check	10-Jun-15	07:12 AM	07:26 AM	14	Calibration Check
26-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	11-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
27-Apr-15	05:50 AM	06:11 AM	21	Calibration Check	12-Jun-15	05:37 AM	05:58 AM	21	Calibration Check
28-Apr-15	06:55 AM	07:16 AM	21	Calibration Check	13-Jun-15	09:05 AM	09:26 AM	21	Calibration Check
29-Apr-15	06:46 AM	07:08 AM	22	Calibration Check	14-Jun-15	09:57 AM	10:19 AM	22	Calibration Check
30-Apr-15	06:40 AM	07:02 AM	22	Calibration Check	15-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
01-May-15	07:05 AM	07:26 AM	21	Calibration Check	16-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
02-May-15	06:20 AM	06:34 AM	14	Calibration Check	17-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
03-May-15	06:18 AM	06:39 AM	21	Calibration Check	18-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
04-May-15	06:20 AM	06:41 AM	21	Calibration Check	19-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
05-May-15	06:20 AM	06:41 AM	21	Calibration Check	20-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
06-May-15	06:20 AM	06:41 AM	21	Calibration Check	21-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
07-May-15	06:20 AM	06:41 AM	21	Calibration Check	22-Jun-15	06:32 AM	06:54 AM	22	Calibration Check
08-May-15	06:20 AM	06:41 AM	21	Calibration Check	23-Jun-15	06:16 AM	06:38 AM	22	Calibration Check
09-May-15	06:20 AM	06:41 AM	21	Calibration Check	24-Jun-15	03:48 PM	04:09 PM	21	Calibration Check
10-May-15	06:20 AM	06:41 AM	21	Calibration Check	25-Jun-15	03:27 PM	03:49 PM	22	Calibration Check
11-May-15	06:44 AM	07:06 AM	22	Calibration Check	26-Jun-15	10:37 AM	10:58 AM	21	Calibration Check
12-May-15	06:37 AM	06:58 AM	21	Calibration Check	27-Jun-15	10:57 AM	11:18 AM	21	Calibration Check
13-May-15	06:37 AM	06:58 AM	21	Calibration Check	27-Jun-15	12:42 PM	12:56 PM	14	Recalibration
14-May-15	03:10 PM	03:32 PM	22	Calibration Check	28-Jun-15	09:13 AM	09:35 AM	22	Calibration Check
15-May-15	06:55 AM	07:03 AM	8	Calibration Check	29-Jun-15	06:40 AM	07:02 AM	22	Calibration Check
16-May-15	05:03 AM	05:25 AM	22	Calibration Check	30-Jun-15	07:52 AM	08:13 AM	21	Calibration Check
			Minutes					Minutes	
			925					960	
Total minutes for quality assurance:									
			Minutes						
			1885						

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Apr-15	07:14 AM	07:25 AM	11	Calibration Check		17-May-15	06:50 AM	07:01 AM	11	Calibration Check
02-Apr-15	07:26 AM	07:38 AM	12	Calibration Check		18-May-15	06:50 AM	07:01 AM	11	Calibration Check
03-Apr-15	07:29 AM	07:40 AM	11	Calibration Check		19-May-15	06:50 AM	07:01 AM	11	Calibration Check
04-Apr-15	09:37 AM	09:48 AM	11	Calibration Check		20-May-15	06:50 AM	07:01 AM	11	Calibration Check
05-Apr-15	11:27 AM	11:38 AM	11	Calibration Check		21-May-15	06:50 AM	07:01 AM	11	Calibration Check
06-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		22-May-15	07:16 AM	07:22 AM	6	Calibration Check
07-Apr-15	07:14 AM	07:25 AM	11	Calibration Check		23-May-15	06:50 AM	07:01 AM	11	Calibration Check
08-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		24-May-15	06:50 AM	07:01 AM	11	Calibration Check
09-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		25-May-15	06:50 AM	07:01 AM	11	Calibration Check
10-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		26-May-15	06:46 AM	06:57 AM	11	Calibration Check
11-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		27-May-15	06:50 AM	07:01 AM	11	Calibration Check
12-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		28-May-15	07:02 AM	07:13 AM	11	Calibration Check
13-Apr-15	07:14 AM	07:25 AM	11	Calibration Check		29-May-15	07:03 AM	07:14 AM	11	Calibration Check
14-Apr-15	07:39 AM	07:50 AM	11	Calibration Check		30-May-15	11:42 AM	11:53 AM	11	Calibration Check
15-Apr-15	07:10 AM	07:22 AM	12	Calibration Check		31-May-15	09:18 AM	09:29 AM	11	Calibration Check
16-Apr-15	07:16 AM	07:27 AM	11	Calibration Check		01-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
17-Apr-15	06:43 AM	06:54 AM	11	Calibration Check		02-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
18-Apr-15	06:12 AM	06:23 AM	11	Calibration Check		03-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
19-Apr-15	06:00 AM	06:11 AM	11	Calibration Check		04-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
20-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		05-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
21-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		06-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
22-Apr-15	07:40 AM	07:51 AM	11	Calibration Check		07-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
23-Apr-15	07:24 AM	07:35 AM	11	Calibration Check		08-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
24-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		09-Jun-15	07:08 AM	07:19 AM	11	Calibration Check
25-Apr-15	07:18 AM	07:29 AM	11	Calibration Check		10-Jun-15	07:30 AM	07:42 AM	12	Calibration Check
26-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		11-Jun-15	07:16 AM	07:27 AM	11	Calibration Check
27-Apr-15	05:25 AM	05:36 AM	11	Calibration Check		12-Jun-15	06:02 AM	06:14 AM	12	Calibration Check
28-Apr-15	07:20 AM	07:31 AM	11	Calibration Check		13-Jun-15	08:50 AM	09:01 AM	11	Calibration Check
29-Apr-15	06:32 AM	06:43 AM	11	Calibration Check		14-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
30-Apr-15	07:06 AM	07:17 AM	11	Calibration Check		15-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
01-May-15	06:50 AM	07:01 AM	11	Calibration Check		16-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
02-May-15	06:38 AM	06:49 AM	11	Calibration Check		17-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
03-May-15	06:46 AM	06:57 AM	11	Calibration Check		18-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
04-May-15	06:50 AM	07:01 AM	11	Calibration Check		19-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
05-May-15	06:50 AM	07:01 AM	11	Calibration Check		20-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
06-May-15	06:50 AM	07:01 AM	11	Calibration Check		21-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
07-May-15	06:50 AM	07:01 AM	11	Calibration Check		22-Jun-15	07:02 AM	07:13 AM	11	Calibration Check
08-May-15	06:50 AM	07:01 AM	11	Calibration Check		23-Jun-15	06:46 AM	06:57 AM	11	Calibration Check
09-May-15	06:50 AM	07:01 AM	11	Calibration Check		23-Jun-15	10:47 PM	10:58 PM	11	Recalibration
10-May-15	07:15 AM	07:23 AM	8	Calibration Check		24-Jun-15	03:33 PM	03:44 PM	11	Calibration Check
11-May-15	07:33 AM	07:38 AM	5	Calibration Check		25-Jun-15	03:54 PM	04:05 PM	11	Calibration Check
12-May-15	07:10 AM	07:21 AM	11	Calibration Check		26-Jun-15	11:06 AM	11:18 AM	12	Calibration Check
13-May-15	07:03 AM	07:14 AM	11	Calibration Check		27-Jun-15	01:07 PM	01:18 PM	11	Calibration Check
14-May-15	02:40 PM	02:51 PM	11	Calibration Check		28-Jun-15	09:39 AM	09:51 AM	12	Calibration Check
15-May-15	07:14 AM	07:25 AM	11	Calibration Check		29-Jun-15	07:06 AM	07:17 AM	11	Calibration Check
16-May-15	04:49 AM	05:00 AM	11	Calibration Check		30-Jun-15	08:24 AM	08:35 AM	11	Calibration Check
			Minutes						Minutes	
			499						505	
Total minutes for quality assurance:										
			Minutes							
			1004							

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

**THC Monitors
1 and # 2
Downtime**

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
				THC #1		
WORK ON THIS ANALYZER						
5/3/2015	6:13 PM	6:28 PM	15	Checking Analyzer	Manual Calibration Also calcd stack 2 thc manual cal on both	On Hazardous Waste
OUT OF CONTROL PERIODS						
6/26/2015	10:58 AM	----	----	----		
6/27/2015	----	12:56 PM	1558	OUT OF CONTROL PERIOD	N/A	On Hazardous Waste
SYSTEM RECALIBRATIONS						
6/27/2015	12:42 PM	12:56 PM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
6/6/2015	7:13 AM	7:36 AM	23	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste
				THC #2		
WORK ON THIS ANALYZER						
2/2/2015	7:06 AM	7:12 AM	6	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste
3/23/2015	7:20 AM	7:30 AM	10	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
6/23/2015	10:47 PM	10:58 PM	11	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
5/22/2015	1:39 PM	1:55 PM	16	OTHER ANALYZER WORK DONE (Dry O2)	Qual Calibration Primary and Secor	On Hazardous Waste
5/22/2015	3:05 PM	3:20 PM	15	OTHER ANALYZER WORK DONE (Dry O2)	Manual Calibration	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					131,040	
TOTAL OPERATING TIME OF SOURCE:					122,798	
TOTAL DOWNTIME OF CEM SYSTEM:					0	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					122,798	
SYSTEM AVAILABILITY					100.0%	

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

**THC Monitors
PM**

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Date	Duration	Activity	Analyzer
TOTAL			
(e.g., blowback, manual adjustment to monitors, etc.)			
No preventative maintenance had to be performed on monitors this quarter.			

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
Summary

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Date	MAXIMUM LB/MMBTU	Duration (min)	Reason	Corrective Action
		0	Total Minutes	
		Total Emissions for the Quarter		
	1670.3	(LBS)		
	0.8	(Tons)		

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
04/01/2015 03:00	0.98	
04/01/2015 06:00	0.19	
04/01/2015 09:00	0.27	
04/01/2015 12:00	0.14	
04/01/2015 15:00	1.06	
04/01/2015 18:00	0.24	
04/01/2015 21:00	0.56	
04/02/2015 00:00	0.13	
04/02/2015 03:00	0.11	
04/02/2015 06:00	0.73	
04/02/2015 09:00	1.74	
04/02/2015 12:00	0.17	
04/02/2015 15:00	0.27	
04/02/2015 18:00	0.09	
04/02/2015 21:00	0.12	
04/03/2015 00:00	0.15	
04/03/2015 03:00	0.21	
04/03/2015 06:00	0.20	
04/03/2015 09:00	0.28	
04/03/2015 12:00	0.19	
04/03/2015 15:00	0.19	
04/03/2015 18:00	0.17	
04/03/2015 21:00	0.16	
04/04/2015 00:00	0.16	
04/04/2015 03:00	0.14	
04/04/2015 06:00	0.13	
04/04/2015 09:00	0.15	
04/04/2015 12:00	0.26	
04/04/2015 15:00	0.14	
04/04/2015 18:00	0.16	
04/04/2015 21:00	0.16	
04/05/2015 00:00	0.14	
04/05/2015 03:00	0.22	
04/05/2015 06:00	0.17	
04/05/2015 09:00	0.46	
04/05/2015 12:00	0.26	
04/05/2015 15:00	0.13	
04/05/2015 18:00	0.14	
04/05/2015 21:00	0.13	
04/06/2015 00:00	0.16	
04/06/2015 03:00	1.67	
04/06/2015 06:00	1.25	
04/06/2015 09:00	1.38	
04/06/2015 12:00	1.39	
04/06/2015 15:00	0.17	
04/06/2015 18:00	0.17	
04/06/2015 21:00	0.25	
04/07/2015 00:00	0.21	
04/07/2015 03:00	0.13	
04/07/2015 06:00	0.69	
04/07/2015 09:00	4.39	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
04/07/2015 12:00	0.37	
04/07/2015 15:00	2.11	
04/07/2015 18:00	0.43	
04/07/2015 21:00	0.55	
04/08/2015 00:00	0.30	
04/08/2015 03:00	0.57	
04/08/2015 06:00	0.75	
04/08/2015 09:00	1.78	
04/08/2015 12:00	2.16	
04/08/2015 15:00	2.18	
04/08/2015 18:00	1.28	
04/08/2015 21:00	0.85	
04/09/2015 00:00	1.52	
04/09/2015 03:00	1.85	
04/09/2015 06:00	0.25	
04/09/2015 09:00	1.75	
04/09/2015 12:00	0.23	
04/09/2015 15:00	0.11	
04/09/2015 18:00	0.11	
04/09/2015 21:00	0.24	
04/10/2015 00:00	0.26	
04/10/2015 03:00	0.15	
04/10/2015 06:00	0.21	
04/10/2015 09:00	0.22	
04/10/2015 12:00	0.15	
04/10/2015 15:00	0.15	
04/10/2015 18:00	0.11	
04/10/2015 21:00	0.13	
04/11/2015 00:00	0.15	
04/11/2015 03:00	0.16	
04/11/2015 06:00	0.13	
04/11/2015 09:00	0.19	
04/11/2015 12:00	0.81	
04/11/2015 15:00	1.77	
04/11/2015 18:00	0.59	
04/11/2015 21:00	0.08	
04/12/2015 00:00	0.11	
04/12/2015 03:00	0.51	
04/12/2015 06:00	1.05	
04/12/2015 09:00	2.24	
04/12/2015 12:00	0.75	
04/12/2015 15:00	0.43	
04/12/2015 18:00	0.16	
04/12/2015 21:00	0.25	
04/13/2015 00:00	3.11	
04/13/2015 03:00	0.18	
04/13/2015 06:00	0.10	
04/13/2015 09:00	0.21	
04/13/2015 12:00	0.20	
04/13/2015 15:00	0.10	
04/13/2015 18:00	0.17	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
04/13/2015 21:00	0.12	
04/14/2015 00:00	0.11	
04/14/2015 03:00	0.09	
04/14/2015 06:00	0.05	
04/14/2015 09:00	0.33	
04/14/2015 12:00	0.99	
04/14/2015 15:00	1.94	
04/14/2015 18:00	1.70	
04/14/2015 21:00	4.86	
04/15/2015 00:00	3.86	
04/15/2015 03:00	1.94	
04/15/2015 06:00	0.97	
04/15/2015 09:00	1.83	
04/15/2015 12:00	0.94	
04/15/2015 15:00	0.16	
04/15/2015 18:00	2.00	
04/15/2015 21:00	0.91	
04/16/2015 00:00	0.51	
04/16/2015 03:00	3.26	
04/16/2015 06:00	3.40	
04/16/2015 09:00	3.06	
04/16/2015 12:00	2.67	
04/16/2015 15:00	0.43	
04/16/2015 18:00	0.20	
04/16/2015 21:00	0.14	
04/17/2015 00:00	0.14	
04/17/2015 03:00	0.14	
04/17/2015 06:00	0.12	
04/17/2015 09:00	1.09	
04/17/2015 12:00	0.16	
04/17/2015 15:00	0.12	
04/17/2015 18:00	3.12	
04/17/2015 21:00	1.09	
04/18/2015 00:00	0.16	
04/18/2015 03:00	0.15	
04/18/2015 06:00	0.26	
04/18/2015 09:00	0.55	
04/18/2015 12:00	0.13	
04/18/2015 15:00	0.26	
04/18/2015 18:00	0.09	
04/18/2015 21:00	0.58	
04/19/2015 00:00	0.29	
04/19/2015 03:00	1.39	
04/19/2015 06:00	1.97	
04/19/2015 09:00	0.90	
04/19/2015 12:00	1.32	
04/19/2015 15:00	1.72	
04/19/2015 18:00	1.90	
04/19/2015 21:00	2.54	
04/20/2015 00:00	3.35	
04/20/2015 03:00	2.45	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
04/20/2015 06:00	0.65	
04/20/2015 09:00	0.84	
04/20/2015 12:00	0.11	
04/20/2015 15:00	1.21	
04/20/2015 18:00	1.52	
04/20/2015 21:00	0.12	
04/21/2015 00:00	0.82	
04/21/2015 03:00	3.10	
04/21/2015 06:00	1.80	
04/21/2015 09:00	2.14	
04/21/2015 12:00	1.16	
04/21/2015 15:00	0.94	
04/21/2015 18:00	1.51	
04/21/2015 21:00	3.26	
04/22/2015 00:00	0.55	
04/22/2015 03:00	0.31	
04/22/2015 06:00	0.21	
04/22/2015 09:00	0.40	
04/22/2015 12:00	1.06	
04/22/2015 15:00	0.17	
04/22/2015 18:00	0.15	
04/22/2015 21:00	0.01	
04/23/2015 00:00	0.00	
04/23/2015 03:00	0.00	
04/23/2015 06:00	0.00	
04/23/2015 09:00	0.10	
04/23/2015 12:00	0.00	
04/23/2015 15:00	0.00	
04/23/2015 18:00	0.00	
04/23/2015 21:00	0.00	
04/24/2015 00:00	0.00	
04/24/2015 03:00	0.05	
04/24/2015 06:00	0.03	
04/24/2015 09:00	0.11	
04/24/2015 12:00	0.03	
04/24/2015 15:00	0.01	
04/24/2015 18:00	0.03	
04/24/2015 21:00	0.01	
04/25/2015 00:00	0.00	
04/25/2015 03:00	0.00	
04/25/2015 06:00	0.00	
04/25/2015 09:00	0.01	
04/25/2015 12:00	0.00	
04/25/2015 15:00	0.00	
04/25/2015 18:00	0.00	
04/25/2015 21:00	0.00	
04/26/2015 00:00	0.00	
04/26/2015 03:00	0.02	
04/26/2015 06:00	0.03	
04/26/2015 09:00	0.08	
04/26/2015 12:00	0.04	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
04/26/2015 15:00	0.04	
04/26/2015 18:00	0.90	
04/26/2015 21:00	0.43	
04/27/2015 00:00	0.02	
04/27/2015 03:00	0.03	
04/27/2015 06:00	0.04	
04/27/2015 09:00	0.10	
04/27/2015 12:00	0.00	
04/27/2015 15:00	0.00	
04/27/2015 18:00	0.00	
04/27/2015 21:00	0.00	
04/28/2015 00:00	0.00	
04/28/2015 03:00	0.00	
04/28/2015 06:00	0.00	
04/28/2015 09:00	0.00	
04/28/2015 12:00	0.00	
04/28/2015 15:00	0.00	
04/28/2015 18:00	0.00	
04/28/2015 21:00	0.00	
04/29/2015 00:00	0.00	
04/29/2015 03:00	0.00	
04/29/2015 06:00	0.00	
04/29/2015 09:00	0.00	
04/29/2015 12:00	0.00	
04/29/2015 15:00	0.00	
04/29/2015 18:00	0.01	
04/29/2015 21:00	0.03	
04/30/2015 00:00	0.09	
04/30/2015 03:00	0.17	
04/30/2015 06:00	1.44	
04/30/2015 09:00	2.61	
04/30/2015 12:00	0.75	
04/30/2015 15:00	0.15	
04/30/2015 18:00	0.22	
04/30/2015 21:00	0.03	
05/01/2015 00:00	0.03	
05/01/2015 03:00	0.51	
05/01/2015 06:00	0.27	
05/01/2015 09:00	0.22	
05/01/2015 12:00	0.04	
05/01/2015 15:00	0.04	
05/01/2015 18:00	0.05	
05/01/2015 21:00	0.70	
05/02/2015 00:00	0.15	
05/02/2015 03:00	0.04	
05/02/2015 06:00	0.03	
05/02/2015 09:00	0.85	
05/02/2015 12:00	0.25	
05/02/2015 15:00	0.69	
05/02/2015 18:00	1.61	
05/02/2015 21:00	0.51	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

**SOX
Excess Emissions Report
3-Hour Block Averages**

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
05/03/2015 00:00	0.47	
05/03/2015 03:00	1.58	
05/03/2015 06:00	0.17	
05/03/2015 09:00	0.18	
05/03/2015 12:00	0.08	
05/03/2015 15:00	0.08	
05/03/2015 18:00	0.07	
05/03/2015 21:00	0.09	
05/04/2015 00:00	0.09	
05/04/2015 03:00	0.09	
05/04/2015 06:00	2.75	
05/04/2015 09:00	2.52	
05/04/2015 12:00	1.90	
05/04/2015 15:00	2.73	
05/04/2015 18:00	0.37	
05/04/2015 21:00	0.12	
05/05/2015 00:00	0.11	
05/05/2015 03:00	0.14	
05/05/2015 06:00	0.36	
05/05/2015 09:00	0.23	
05/05/2015 12:00	0.09	
05/05/2015 15:00	0.13	
05/05/2015 18:00	0.10	
05/05/2015 21:00	1.38	
05/06/2015 00:00	0.18	
05/06/2015 03:00	0.17	
05/06/2015 06:00	0.19	
05/06/2015 09:00	0.27	
05/06/2015 12:00	0.28	
05/06/2015 15:00	0.58	
05/06/2015 18:00	0.38	
05/06/2015 21:00	0.34	
05/07/2015 00:00	0.32	
05/07/2015 03:00	0.23	
05/07/2015 06:00	0.18	
05/07/2015 09:00	0.64	
05/07/2015 12:00	1.06	
05/07/2015 15:00	0.18	
05/07/2015 18:00	0.52	
05/07/2015 21:00	0.27	
05/08/2015 00:00	0.79	
05/08/2015 03:00	0.65	
05/08/2015 06:00	0.83	
05/08/2015 09:00	0.58	
05/08/2015 12:00	0.30	
05/08/2015 15:00	0.32	
05/08/2015 18:00	0.31	
05/08/2015 21:00	0.26	
05/09/2015 00:00	0.21	
05/09/2015 03:00	0.22	
05/09/2015 06:00	0.21	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
05/09/2015 09:00	0.28	
05/09/2015 12:00	0.22	
05/09/2015 15:00	0.70	
05/09/2015 18:00	1.00	
05/09/2015 21:00	0.37	
05/10/2015 00:00	0.31	
05/10/2015 03:00	0.27	
05/10/2015 06:00	0.32	
05/10/2015 09:00	0.35	
05/10/2015 12:00	0.23	
05/10/2015 15:00	0.22	
05/10/2015 18:00	0.12	
05/10/2015 21:00	0.17	
05/11/2015 00:00	0.14	
05/11/2015 03:00	0.12	
05/11/2015 06:00	0.15	
05/11/2015 09:00	0.50	
05/11/2015 12:00	0.10	
05/11/2015 15:00	0.13	
05/11/2015 18:00	0.15	
05/11/2015 21:00	1.54	
05/12/2015 00:00	0.46	
05/12/2015 03:00	0.52	
05/12/2015 06:00	0.11	
05/12/2015 09:00	0.44	
05/12/2015 12:00	0.07	
05/12/2015 15:00	0.09	
05/12/2015 18:00	0.67	
05/12/2015 21:00	2.65	
05/13/2015 00:00	1.67	
05/13/2015 03:00	0.86	
05/13/2015 06:00	0.56	
05/13/2015 09:00	3.29	
05/13/2015 12:00	0.47	
05/13/2015 15:00	0.17	
05/13/2015 18:00	0.16	
05/13/2015 21:00	0.21	
05/14/2015 00:00	0.21	
05/14/2015 03:00	1.01	
05/14/2015 06:00	0.53	
05/14/2015 09:00	1.01	
05/14/2015 12:00	1.15	
05/14/2015 15:00	0.40	
05/14/2015 18:00	1.02	
05/14/2015 21:00	2.73	
05/15/2015 00:00	1.88	
05/15/2015 03:00	1.25	
05/15/2015 06:00	1.12	
05/15/2015 09:00	0.95	
05/15/2015 12:00	1.00	
05/15/2015 15:00	0.41	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
05/15/2015 18:00	0.54	
05/15/2015 21:00	0.20	
05/16/2015 00:00	0.24	
05/16/2015 03:00	1.41	
05/16/2015 06:00	0.51	
05/16/2015 09:00	0.17	
05/16/2015 12:00	0.11	
05/16/2015 15:00	0.11	
05/16/2015 18:00	0.25	
05/16/2015 21:00	0.18	
05/17/2015 00:00	0.39	
05/17/2015 03:00	0.09	
05/17/2015 06:00	0.08	
05/17/2015 09:00	0.15	
05/17/2015 12:00	0.22	
05/17/2015 15:00	0.32	
05/17/2015 18:00	0.08	
05/17/2015 21:00	0.09	
05/18/2015 00:00	0.10	
05/18/2015 03:00	0.72	
05/18/2015 06:00	0.62	
05/18/2015 09:00	1.38	
05/18/2015 12:00	0.42	
05/18/2015 15:00	1.17	
05/18/2015 18:00	1.86	
05/18/2015 21:00	0.13	
05/19/2015 00:00	1.38	
05/19/2015 03:00	2.73	
05/19/2015 06:00	2.84	
05/19/2015 09:00	0.23	
05/19/2015 12:00	1.27	
05/19/2015 15:00	1.68	
05/19/2015 18:00	2.87	
05/19/2015 21:00	2.09	
05/20/2015 00:00	0.65	
05/20/2015 03:00	2.10	
05/20/2015 06:00	0.92	
05/20/2015 09:00	0.26	
05/20/2015 12:00	0.14	
05/20/2015 15:00	0.11	
05/20/2015 18:00	0.09	
05/20/2015 21:00	0.09	
05/21/2015 00:00	0.11	
05/21/2015 03:00	0.12	
05/21/2015 06:00	0.11	
05/21/2015 09:00	0.21	
05/21/2015 12:00	0.11	
05/21/2015 15:00	0.11	
05/21/2015 18:00	0.12	
05/21/2015 21:00	0.12	
05/22/2015 00:00	0.15	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
05/22/2015 03:00	0.16	
05/22/2015 06:00	0.54	
05/22/2015 09:00	1.88	
05/22/2015 12:00	0.19	
05/22/2015 15:00	0.14	
05/22/2015 18:00	0.17	
05/22/2015 21:00	0.17	
05/23/2015 00:00	0.15	
05/23/2015 03:00	0.12	
05/23/2015 06:00	0.12	
05/23/2015 09:00	0.21	
05/23/2015 12:00	0.09	
05/23/2015 15:00	0.10	
05/23/2015 18:00	0.09	
05/23/2015 21:00	0.08	
05/24/2015 00:00	0.10	
05/24/2015 03:00	0.11	
05/24/2015 06:00	0.12	
05/24/2015 09:00	0.29	
05/24/2015 12:00	0.11	
05/24/2015 15:00	0.14	
05/24/2015 18:00	0.15	
05/24/2015 21:00	0.12	
05/25/2015 00:00	0.09	
05/25/2015 03:00	0.11	
05/25/2015 06:00	0.10	
05/25/2015 09:00	0.22	
05/25/2015 12:00	0.13	
05/25/2015 15:00	0.24	
05/25/2015 18:00	0.15	
05/25/2015 21:00	0.64	
05/26/2015 00:00	4.25	
05/26/2015 03:00	3.06	
05/26/2015 06:00	1.29	
05/26/2015 09:00	0.26	
05/26/2015 12:00	0.10	
05/26/2015 15:00	0.17	
05/26/2015 18:00	0.10	
05/26/2015 21:00	0.05	
05/27/2015 00:00	0.07	
05/27/2015 03:00	0.08	
05/27/2015 06:00	0.11	
05/27/2015 09:00	4.18	
05/27/2015 12:00	4.05	
05/27/2015 15:00	2.27	
05/27/2015 18:00	2.03	
05/27/2015 21:00	2.17	
05/28/2015 00:00	0.34	
05/28/2015 03:00	0.26	
05/28/2015 06:00	0.10	
05/28/2015 09:00	0.19	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

**SOX
Excess Emissions Report
3-Hour Block Averages**

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
05/28/2015 12:00	0.08	
05/28/2015 15:00	0.09	
05/28/2015 18:00	0.13	
05/28/2015 21:00	0.73	
05/29/2015 00:00	0.25	
05/29/2015 03:00	0.11	
05/29/2015 06:00	0.00	
05/29/2015 09:00	0.00	
05/29/2015 12:00	0.00	
05/29/2015 15:00	0.03	
05/29/2015 18:00	0.05	
05/29/2015 21:00	0.03	
05/30/2015 00:00	0.16	
05/30/2015 03:00	0.15	
05/30/2015 06:00	0.15	
05/30/2015 09:00	0.11	
05/30/2015 12:00	0.16	
05/30/2015 15:00	0.23	
05/30/2015 18:00	0.14	
05/30/2015 21:00	0.11	
05/31/2015 00:00	1.33	
05/31/2015 03:00	0.27	
05/31/2015 06:00	0.11	
05/31/2015 09:00	0.14	
05/31/2015 12:00	1.00	
05/31/2015 15:00	1.25	
05/31/2015 18:00	0.21	
05/31/2015 21:00	0.15	
06/01/2015 00:00	0.12	
06/01/2015 03:00	0.15	
06/01/2015 06:00	0.16	
06/01/2015 09:00	0.22	
06/01/2015 12:00	0.13	
06/01/2015 15:00	0.11	
06/01/2015 18:00	0.10	
06/01/2015 21:00	0.12	
06/02/2015 00:00	0.12	
06/02/2015 03:00	0.11	
06/02/2015 06:00	0.11	
06/02/2015 09:00	0.18	
06/02/2015 12:00	0.08	
06/02/2015 15:00	0.89	
06/02/2015 18:00	0.38	
06/02/2015 21:00	0.92	
06/03/2015 00:00	0.37	
06/03/2015 03:00	2.02	
06/03/2015 06:00	0.24	
06/03/2015 09:00	0.27	
06/03/2015 12:00	0.23	
06/03/2015 15:00	0.15	
06/03/2015 18:00	0.69	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

**SOX
Excess Emissions Report
3-Hour Block Averages**

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
06/03/2015 21:00	0.12	
06/04/2015 00:00	0.11	
06/04/2015 03:00	0.11	
06/04/2015 06:00	0.65	
06/04/2015 09:00	0.31	
06/04/2015 12:00	0.14	
06/04/2015 15:00	0.11	
06/04/2015 18:00	0.18	
06/04/2015 21:00	0.18	
06/05/2015 00:00	0.19	
06/05/2015 03:00	0.13	
06/05/2015 06:00	0.12	
06/05/2015 09:00	0.20	
06/05/2015 12:00	0.14	
06/05/2015 15:00	0.14	
06/05/2015 18:00	0.25	
06/05/2015 21:00	0.11	
06/06/2015 00:00	0.79	
06/06/2015 03:00	1.24	
06/06/2015 06:00	0.92	
06/06/2015 09:00	1.14	
06/06/2015 12:00	0.21	
06/06/2015 15:00	0.12	
06/06/2015 18:00	0.22	
06/06/2015 21:00	0.25	
06/07/2015 00:00	0.47	
06/07/2015 03:00	0.41	
06/07/2015 06:00	1.17	
06/07/2015 09:00	0.16	
06/07/2015 12:00	0.15	
06/07/2015 15:00	0.29	
06/07/2015 18:00	0.22	
06/07/2015 21:00	0.27	
06/08/2015 00:00	0.70	
06/08/2015 03:00	1.25	
06/08/2015 06:00	0.62	
06/08/2015 09:00	0.24	
06/08/2015 12:00	0.11	
06/08/2015 15:00	0.19	
06/08/2015 18:00	0.11	
06/08/2015 21:00	0.13	
06/09/2015 00:00	0.16	
06/09/2015 03:00	0.56	
06/09/2015 06:00	0.68	
06/09/2015 09:00	0.26	
06/09/2015 12:00	0.20	
06/09/2015 15:00	1.22	
06/09/2015 18:00	1.80	
06/09/2015 21:00	1.01	
06/10/2015 00:00	0.77	
06/10/2015 03:00	0.12	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
06/10/2015 06:00	0.25	
06/10/2015 09:00	0.92	
06/10/2015 12:00	3.50	
06/10/2015 15:00	3.42	
06/10/2015 18:00	3.08	
06/10/2015 21:00	2.46	
06/11/2015 00:00	0.09	
06/11/2015 03:00	0.60	
06/11/2015 06:00	0.51	
06/11/2015 09:00	5.28	
06/11/2015 12:00	7.20	
06/11/2015 15:00	0.35	
06/11/2015 18:00	1.53	
06/11/2015 21:00	1.48	
06/12/2015 00:00	1.91	
06/12/2015 03:00	0.41	
06/12/2015 06:00	1.81	
06/12/2015 09:00	2.28	
06/12/2015 12:00	1.02	
06/12/2015 15:00	0.14	
06/12/2015 18:00	0.18	
06/12/2015 21:00	0.00	
06/13/2015 00:00	0.01	
06/13/2015 03:00	0.53	
06/13/2015 06:00	1.83	
06/13/2015 09:00	2.59	
06/13/2015 12:00	1.24	
06/13/2015 15:00	1.17	
06/13/2015 18:00	0.42	
06/13/2015 21:00	0.62	
06/14/2015 00:00	0.05	
06/14/2015 03:00	0.04	
06/14/2015 06:00	2.55	
06/14/2015 09:00	0.18	
06/14/2015 12:00	0.89	
06/14/2015 15:00	1.55	
06/14/2015 18:00	1.63	
06/14/2015 21:00	1.33	
06/15/2015 00:00	1.65	
06/15/2015 03:00	1.39	
06/15/2015 06:00	0.55	
06/15/2015 09:00	0.42	
06/15/2015 12:00	0.73	
06/15/2015 15:00	3.52	
06/15/2015 18:00	1.13	
06/15/2015 21:00	2.05	
06/16/2015 00:00	0.28	
06/16/2015 03:00	0.48	
06/16/2015 06:00	1.18	
06/16/2015 09:00	0.50	
06/16/2015 12:00	0.41	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 431-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
06/16/2015 15:00	0.33	
06/16/2015 18:00	0.14	
06/16/2015 21:00	0.62	
06/17/2015 00:00	0.72	
06/17/2015 03:00	2.42	
06/17/2015 06:00	1.04	
06/17/2015 09:00	0.80	
06/17/2015 12:00	2.18	
06/17/2015 15:00	3.11	
06/17/2015 18:00	1.12	
06/17/2015 21:00	0.36	
06/18/2015 00:00	1.03	
06/18/2015 03:00	0.61	
06/18/2015 06:00	1.00	
06/18/2015 09:00	0.94	
06/18/2015 12:00	0.27	
06/18/2015 15:00	0.12	
06/18/2015 18:00	0.12	
06/18/2015 21:00	0.14	
06/19/2015 00:00	0.27	
06/19/2015 03:00	0.03	
06/19/2015 06:00	0.00	
06/19/2015 09:00	0.00	
06/19/2015 12:00	0.00	
06/19/2015 15:00	0.00	
06/19/2015 18:00	0.00	
06/19/2015 21:00	0.00	
06/20/2015 00:00	0.00	
06/20/2015 03:00	0.00	
06/20/2015 06:00	0.00	
06/20/2015 09:00	0.00	
06/20/2015 12:00	0.00	
06/20/2015 15:00	0.00	
06/20/2015 18:00	0.00	
06/20/2015 21:00	0.01	
06/21/2015 00:00	0.03	
06/21/2015 03:00	0.05	
06/21/2015 06:00	0.08	
06/21/2015 09:00	0.09	
06/21/2015 12:00	0.16	
06/21/2015 15:00	0.02	
06/21/2015 18:00	0.02	
06/21/2015 21:00	0.11	
06/22/2015 00:00	0.95	
06/22/2015 03:00	0.38	
06/22/2015 06:00	0.31	
06/22/2015 09:00	0.26	
06/22/2015 12:00	0.22	
06/22/2015 15:00	0.81	
06/22/2015 18:00	3.79	
06/22/2015 21:00	4.82	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43I-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
06/23/2015 00:00	7.37	
06/23/2015 03:00	8.05	
06/23/2015 06:00	3.72	
06/23/2015 09:00	2.97	
06/23/2015 12:00	0.58	
06/23/2015 15:00	0.01	
06/23/2015 18:00		Lightning Strike failed Wet O2 so correction was incorrect
06/23/2015 21:00		Lightning Strike failed Wet O2 so correction was incorrect
06/24/2015 00:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 03:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 06:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 09:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 12:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 15:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 18:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 21:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 00:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 03:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 06:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 09:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 12:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 15:00	0.99	Manually Calculated due to instrument problems from strike
06/25/2015 18:00	2.65	
06/25/2015 21:00	4.53	
06/26/2015 00:00	5.83	
06/26/2015 03:00	3.55	
06/26/2015 06:00	2.52	
06/26/2015 09:00	2.86	
06/26/2015 12:00	3.48	
06/26/2015 15:00	6.61	
06/26/2015 18:00	1.87	
06/26/2015 21:00	0.13	
06/27/2015 00:00	0.52	
06/27/2015 03:00	2.05	
06/27/2015 06:00	1.32	
06/27/2015 09:00	0.18	
06/27/2015 12:00	0.06	
06/27/2015 15:00	1.51	
06/27/2015 18:00	2.21	
06/27/2015 21:00	2.22	
06/28/2015 00:00	0.80	
06/28/2015 03:00	3.94	
06/28/2015 06:00	0.52	
06/28/2015 09:00	1.67	
06/28/2015 12:00	6.30	
06/28/2015 15:00	2.79	
06/28/2015 18:00	3.10	
06/28/2015 21:00	2.11	
06/29/2015 00:00	2.07	
06/29/2015 03:00	3.42	
06/29/2015 06:00	5.14	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 431-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
06/29/2015 09:00	4.61	
06/29/2015 12:00	6.29	
06/29/2015 15:00	4.61	
06/29/2015 18:00	2.09	
06/29/2015 21:00	1.23	
06/30/2015 00:00	1.72	
06/30/2015 03:00	2.42	
06/30/2015 06:00	3.69	
06/30/2015 09:00	6.59	
06/30/2015 12:00	1.40	
06/30/2015 15:00	0.61	
06/30/2015 18:00	1.57	
06/30/2015 21:00	0.26	

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Apr-15	06:46 AM	07:07 AM	21	Calibration Check	17-May-15	07:20 AM	07:42 AM	22	Calibration Check
02-Apr-15	07:03 AM	07:17 AM	14	Calibration Check	18-May-15	06:20 AM	06:41 AM	21	Calibration Check
03-Apr-15	07:02 AM	07:24 AM	22	Calibration Check	19-May-15	06:20 AM	06:41 AM	21	Calibration Check
04-Apr-15	09:11 AM	09:32 AM	21	Calibration Check	20-May-15	06:20 AM	06:41 AM	21	Calibration Check
05-Apr-15	11:01 AM	11:22 AM	21	Calibration Check	21-May-15	06:20 AM	06:41 AM	21	Calibration Check
06-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	22-May-15	06:20 AM	06:41 AM	21	Calibration Check
07-Apr-15	07:00 AM	07:08 AM	8	Calibration Check	23-May-15	06:20 AM	06:41 AM	21	Calibration Check
08-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	24-May-15	06:20 AM	06:41 AM	21	Calibration Check
09-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	25-May-15	07:05 AM	07:27 AM	22	Calibration Check
10-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	26-May-15	07:00 AM	07:22 AM	22	Calibration Check
11-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	27-May-15	06:20 AM	06:41 AM	21	Calibration Check
12-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	28-May-15	06:36 AM	06:57 AM	21	Calibration Check
13-Apr-15	06:39 AM	07:01 AM	22	Calibration Check	29-May-15	06:37 AM	06:59 AM	22	Calibration Check
14-Apr-15	07:12 AM	07:34 AM	22	Calibration Check	30-May-15	11:15 AM	11:37 AM	22	Calibration Check
15-Apr-15	06:43 AM	07:05 AM	22	Calibration Check	31-May-15	08:12 AM	08:34 AM	22	Calibration Check
16-Apr-15	06:48 AM	07:09 AM	21	Calibration Check	01-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
17-Apr-15	06:16 AM	06:38 AM	22	Calibration Check	02-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
18-Apr-15	06:27 AM	06:49 AM	22	Calibration Check	03-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
19-Apr-15	06:14 AM	06:36 AM	22	Calibration Check	04-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
20-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	05-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
21-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	06-Jun-15	07:35 AM	07:50 AM	15	Calibration Check
22-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	07-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
23-Apr-15	07:04 AM	07:18 AM	14	Calibration Check	08-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
24-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	09-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
25-Apr-15	06:48 AM	07:01 AM	15	Calibration Check	10-Jun-15	07:12 AM	07:26 AM	14	Calibration Check
26-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	11-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
27-Apr-15	05:50 AM	06:11 AM	21	Calibration Check	12-Jun-15	05:37 AM	05:58 AM	21	Calibration Check
28-Apr-15	06:55 AM	07:16 AM	21	Calibration Check	13-Jun-15	09:05 AM	09:26 AM	21	Calibration Check
29-Apr-15	06:46 AM	07:08 AM	22	Calibration Check	14-Jun-15	09:57 AM	10:19 AM	22	Calibration Check
30-Apr-15	06:40 AM	07:02 AM	22	Calibration Check	15-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
01-May-15	07:05 AM	07:26 AM	21	Calibration Check	16-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
02-May-15	06:20 AM	06:34 AM	14	Calibration Check	17-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
03-May-15	06:18 AM	06:39 AM	21	Calibration Check	18-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
04-May-15	06:20 AM	06:41 AM	21	Calibration Check	19-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
05-May-15	06:20 AM	06:41 AM	21	Calibration Check	20-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
06-May-15	06:20 AM	06:41 AM	21	Calibration Check	21-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
07-May-15	06:20 AM	06:41 AM	21	Calibration Check	22-Jun-15	06:32 AM	06:54 AM	22	Calibration Check
08-May-15	06:20 AM	06:41 AM	21	Calibration Check	23-Jun-15	06:16 AM	06:38 AM	22	Calibration Check
09-May-15	06:20 AM	06:41 AM	21	Calibration Check	24-Jun-15	03:48 PM	04:09 PM	21	Calibration Check
10-May-15	06:20 AM	06:41 AM	21	Calibration Check	25-Jun-15	03:27 PM	03:49 PM	22	Calibration Check
11-May-15	06:44 AM	07:06 AM	22	Calibration Check	26-Jun-15	10:37 AM	10:58 AM	21	Calibration Check
12-May-15	06:37 AM	06:58 AM	21	Calibration Check	27-Jun-15	10:57 AM	11:18 AM	21	Calibration Check
13-May-15	06:37 AM	06:58 AM	21	Calibration Check	27-Jun-15	12:42 PM	12:56 PM	14	Recalibration
14-May-15	03:10 PM	03:32 PM	22	Calibration Check	28-Jun-15	09:13 AM	09:35 AM	22	Calibration Check
15-May-15	06:55 AM	07:03 AM	8	Calibration Check	29-Jun-15	06:40 AM	07:02 AM	22	Calibration Check
16-May-15	05:03 AM	05:25 AM	22	Calibration Check	30-Jun-15	07:52 AM	08:13 AM	21	Calibration Check
			Minutes					Minutes	
			925					960	
Total minutes for quality assurance:									
			Minutes						
			1885						

**SOX MONITOR
DOWNTIME**

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
6/6/2015	7:13 AM	7:36 AM	23	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
6/27/2015	12:42 PM	12:56 PM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
5/3/2015	6:13 PM	6:28 PM	15	OTHER ANALYZER WORK DONE (THC #1)	Manual Calibration Also calcd stack 2 the manual cal on both	On Hazardous Waste
6/23/2015	1:28 PM	11:05 PM	577	Lightning caused problems	Fixed Analyzer	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					131,040	
TOTAL OPERATING TIME OF SOURCE:					122,798	
TOTAL DOWNTIME OF CEM SYSTEM:					629	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					629	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					122,169	
SYSTEM AVAILABILITY					99.5%	

SOX MONITOR
PREVENTIVE
MAINTENANCE

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Date	Duration	Activity	
TOTAL			
(e.g., blowback, manual adjustment to monitors, etc.)			
No preventative maintenance had to be performed on monitors this quarter.			

Emissions Limits:
 28.36 LBS/Hr
 124.23Tons /Years

**NOx
 Excess Emissions Report
 Summary**

California Analytical Instruments
 Model: 600-CLD
 Serial Number: U12052

Date	MAXIMUM LB/HR	Duration (min)	Reason	Corrective Action
06/28/2015 08:39	30.8	141	Feed - Lance	Reduced Feed Rates
		141	Total Minutes	
		Total Emissions for the Quarter		
	36858.0	(LBS)		
	18.4	(Tons)		

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
04/01/2015 03:00	24.63	
04/01/2015 06:00	23.34	
04/01/2015 09:00	22.28	
04/01/2015 12:00	17.69	
04/01/2015 15:00	20.36	
04/01/2015 18:00	19.51	
04/01/2015 21:00	20.68	
04/02/2015 00:00	18.31	
04/02/2015 03:00	17.73	
04/02/2015 06:00	16.54	
04/02/2015 09:00	17.16	
04/02/2015 12:00	15.75	
04/02/2015 15:00	13.87	
04/02/2015 18:00	15.68	
04/02/2015 21:00	18.97	
04/03/2015 00:00	21.27	
04/03/2015 03:00	22.05	
04/03/2015 06:00	23.91	
04/03/2015 09:00	24.88	
04/03/2015 12:00	24.31	
04/03/2015 15:00	23.12	
04/03/2015 18:00	22.30	
04/03/2015 21:00	21.88	
04/04/2015 00:00	22.37	
04/04/2015 03:00	22.34	
04/04/2015 06:00	21.67	
04/04/2015 09:00	23.39	
04/04/2015 12:00	23.49	
04/04/2015 15:00	22.30	
04/04/2015 18:00	22.99	
04/04/2015 21:00	25.41	
04/05/2015 00:00	23.30	
04/05/2015 03:00	23.95	
04/05/2015 06:00	23.47	
04/05/2015 09:00	16.71	
04/05/2015 12:00	21.66	
04/05/2015 15:00	16.70	
04/05/2015 18:00	21.31	
04/05/2015 21:00	20.32	
04/06/2015 00:00	23.45	
04/06/2015 03:00	24.71	
04/06/2015 06:00	23.86	
04/06/2015 09:00	23.23	
04/06/2015 12:00	21.83	
04/06/2015 15:00	22.02	
04/06/2015 18:00	25.40	
04/06/2015 21:00	22.64	
04/07/2015 00:00	25.52	
04/07/2015 03:00	20.77	
04/07/2015 06:00	19.53	
04/07/2015 09:00	17.04	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
04/07/2015 12:00	16.04	
04/07/2015 15:00	15.25	
04/07/2015 18:00	14.70	
04/07/2015 21:00	12.67	
04/08/2015 00:00	15.88	
04/08/2015 03:00	14.80	
04/08/2015 06:00	15.04	
04/08/2015 09:00	15.62	
04/08/2015 12:00	14.82	
04/08/2015 15:00	14.03	
04/08/2015 18:00	13.34	
04/08/2015 21:00	17.76	
04/09/2015 00:00	16.58	
04/09/2015 03:00	15.14	
04/09/2015 06:00	13.12	
04/09/2015 09:00	13.52	
04/09/2015 12:00	11.60	
04/09/2015 15:00	13.62	
04/09/2015 18:00	17.04	
04/09/2015 21:00	19.93	
04/10/2015 00:00	19.70	
04/10/2015 03:00	18.21	
04/10/2015 06:00	20.39	
04/10/2015 09:00	18.87	
04/10/2015 12:00	17.48	
04/10/2015 15:00	17.37	
04/10/2015 18:00	16.85	
04/10/2015 21:00	19.75	
04/11/2015 00:00	20.51	
04/11/2015 03:00	19.71	
04/11/2015 06:00	20.02	
04/11/2015 09:00	18.41	
04/11/2015 12:00	16.35	
04/11/2015 15:00	14.68	
04/11/2015 18:00	16.78	
04/11/2015 21:00	14.23	
04/12/2015 00:00	14.17	
04/12/2015 03:00	15.95	
04/12/2015 06:00	15.09	
04/12/2015 09:00	14.92	
04/12/2015 12:00	14.21	
04/12/2015 15:00	17.05	
04/12/2015 18:00	19.84	
04/12/2015 21:00	20.93	
04/13/2015 00:00	16.65	
04/13/2015 03:00	16.65	
04/13/2015 06:00	16.33	
04/13/2015 09:00	19.09	
04/13/2015 12:00	17.06	
04/13/2015 15:00	17.03	
04/13/2015 18:00	15.79	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
04/13/2015 21:00	15.99	
04/14/2015 00:00	16.99	
04/14/2015 03:00	15.18	
04/14/2015 06:00	11.77	
04/14/2015 09:00	18.13	
04/14/2015 12:00	16.44	
04/14/2015 15:00	18.23	
04/14/2015 18:00	19.97	
04/14/2015 21:00	21.91	
04/15/2015 00:00	21.97	
04/15/2015 03:00	19.49	
04/15/2015 06:00	18.35	
04/15/2015 09:00	16.12	
04/15/2015 12:00	15.71	
04/15/2015 15:00	17.57	
04/15/2015 18:00	19.57	
04/15/2015 21:00	22.17	
04/16/2015 00:00	22.29	
04/16/2015 03:00	22.39	
04/16/2015 06:00	23.98	
04/16/2015 09:00	17.26	
04/16/2015 12:00	22.35	
04/16/2015 15:00	18.09	
04/16/2015 18:00	17.71	
04/16/2015 21:00	16.68	
04/17/2015 00:00	17.62	
04/17/2015 03:00	18.93	
04/17/2015 06:00	18.03	
04/17/2015 09:00	14.32	
04/17/2015 12:00	13.50	
04/17/2015 15:00	18.38	
04/17/2015 18:00	20.59	
04/17/2015 21:00	17.42	
04/18/2015 00:00	20.76	
04/18/2015 03:00	20.29	
04/18/2015 06:00	20.56	
04/18/2015 09:00	17.29	
04/18/2015 12:00	15.67	
04/18/2015 15:00	14.26	
04/18/2015 18:00	15.23	
04/18/2015 21:00	18.26	
04/19/2015 00:00	19.66	
04/19/2015 03:00	20.89	
04/19/2015 06:00	20.73	
04/19/2015 09:00	18.07	
04/19/2015 12:00	19.39	
04/19/2015 15:00	17.64	
04/19/2015 18:00	18.93	
04/19/2015 21:00	18.81	
04/20/2015 00:00	17.72	
04/20/2015 03:00	20.00	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
04/20/2015 06:00	18.98	
04/20/2015 09:00	18.38	
04/20/2015 12:00	17.15	
04/20/2015 15:00	14.85	
04/20/2015 18:00	14.16	
04/20/2015 21:00	12.88	
04/21/2015 00:00	17.82	
04/21/2015 03:00	16.08	
04/21/2015 06:00	14.63	
04/21/2015 09:00	13.57	
04/21/2015 12:00	15.12	
04/21/2015 15:00	16.47	
04/21/2015 18:00	18.11	
04/21/2015 21:00	19.86	
04/22/2015 00:00	20.13	
04/22/2015 03:00	20.12	
04/22/2015 06:00	19.92	
04/22/2015 09:00	18.78	
04/22/2015 12:00	15.21	
04/22/2015 15:00	16.91	
04/22/2015 18:00	13.88	
04/22/2015 21:00	7.42	
04/23/2015 00:00	2.88	
04/23/2015 03:00	1.65	
04/23/2015 06:00	4.36	
04/23/2015 09:00	3.10	
04/23/2015 12:00	0.00	
04/23/2015 15:00	0.00	
04/23/2015 18:00	1.81	
04/23/2015 21:00	3.92	
04/24/2015 00:00	4.81	
04/24/2015 03:00	12.51	
04/24/2015 06:00	9.66	
04/24/2015 09:00	8.09	
04/24/2015 12:00	9.06	
04/24/2015 15:00	8.40	
04/24/2015 18:00	11.89	
04/24/2015 21:00	8.62	
04/25/2015 00:00	0.03	
04/25/2015 03:00	0.12	
04/25/2015 06:00	0.13	
04/25/2015 09:00	0.03	
04/25/2015 12:00	0.00	
04/25/2015 15:00	0.00	
04/25/2015 18:00	0.00	
04/25/2015 21:00	0.00	
04/26/2015 00:00	0.00	
04/26/2015 03:00	1.48	
04/26/2015 06:00	2.51	
04/26/2015 09:00	5.36	
04/26/2015 12:00	6.40	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
04/26/2015 15:00	10.00	
04/26/2015 18:00	13.42	
04/26/2015 21:00	18.11	
04/27/2015 00:00	8.95	
04/27/2015 03:00	10.39	
04/27/2015 06:00	11.77	
04/27/2015 09:00	9.13	
04/27/2015 12:00	0.59	
04/27/2015 15:00	0.00	
04/27/2015 18:00	0.00	
04/27/2015 21:00	0.00	
04/28/2015 00:00	0.00	
04/28/2015 03:00	0.00	
04/28/2015 06:00	0.00	
04/28/2015 09:00	0.00	
04/28/2015 12:00	0.00	
04/28/2015 15:00	0.00	
04/28/2015 18:00	0.00	
04/28/2015 21:00	0.00	
04/29/2015 00:00	0.00	
04/29/2015 03:00	0.00	
04/29/2015 06:00	0.00	
04/29/2015 09:00	0.00	
04/29/2015 12:00	0.00	
04/29/2015 15:00	2.93	
04/29/2015 18:00	5.76	
04/29/2015 21:00	8.50	
04/30/2015 00:00	15.56	
04/30/2015 03:00	18.37	
04/30/2015 06:00	18.99	
04/30/2015 09:00	15.70	
04/30/2015 12:00	13.68	
04/30/2015 15:00	14.83	
04/30/2015 18:00	17.93	
04/30/2015 21:00	17.96	
05/01/2015 00:00	17.64	
05/01/2015 03:00	17.42	
05/01/2015 06:00	17.47	
05/01/2015 09:00	19.45	
05/01/2015 12:00	15.73	
05/01/2015 15:00	15.55	
05/01/2015 18:00	17.27	
05/01/2015 21:00	17.24	
05/02/2015 00:00	18.01	
05/02/2015 03:00	17.00	
05/02/2015 06:00	16.32	
05/02/2015 09:00	16.48	
05/02/2015 12:00	14.16	
05/02/2015 15:00	17.87	
05/02/2015 18:00	19.29	
05/02/2015 21:00	12.86	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
05/03/2015 00:00	9.97	
05/03/2015 03:00	10.80	
05/03/2015 06:00	13.47	
05/03/2015 09:00	13.61	
05/03/2015 12:00	15.45	
05/03/2015 15:00	16.01	
05/03/2015 18:00	16.56	
05/03/2015 21:00	18.36	
05/04/2015 00:00	18.04	
05/04/2015 03:00	18.08	
05/04/2015 06:00	23.79	
05/04/2015 09:00	22.29	
05/04/2015 12:00	21.75	
05/04/2015 15:00	18.34	
05/04/2015 18:00	16.33	
05/04/2015 21:00	18.48	
05/05/2015 00:00	19.62	
05/05/2015 03:00	22.86	
05/05/2015 06:00	22.99	
05/05/2015 09:00	22.36	
05/05/2015 12:00	17.30	
05/05/2015 15:00	17.88	
05/05/2015 18:00	19.03	
05/05/2015 21:00	18.23	
05/06/2015 00:00	17.73	
05/06/2015 03:00	19.24	
05/06/2015 06:00	20.34	
05/06/2015 09:00	17.32	
05/06/2015 12:00	18.10	
05/06/2015 15:00	23.20	
05/06/2015 18:00	24.43	
05/06/2015 21:00	26.01	
05/07/2015 00:00	25.48	
05/07/2015 03:00	24.34	
05/07/2015 06:00	21.20	
05/07/2015 09:00	18.78	
05/07/2015 12:00	21.73	
05/07/2015 15:00	19.63	
05/07/2015 18:00	23.96	
05/07/2015 21:00	24.56	
05/08/2015 00:00	22.67	
05/08/2015 03:00	21.78	
05/08/2015 06:00	22.56	
05/08/2015 09:00	21.89	
05/08/2015 12:00	21.33	
05/08/2015 15:00	20.74	
05/08/2015 18:00	23.25	
05/08/2015 21:00	24.82	
05/09/2015 00:00	23.23	
05/09/2015 03:00	24.51	
05/09/2015 06:00	23.74	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
05/09/2015 09:00	23.39	
05/09/2015 12:00	22.14	
05/09/2015 15:00	20.86	
05/09/2015 18:00	22.64	
05/09/2015 21:00	24.62	
05/10/2015 00:00	24.53	
05/10/2015 03:00	22.95	
05/10/2015 06:00	22.93	
05/10/2015 09:00	21.86	
05/10/2015 12:00	20.32	
05/10/2015 15:00	20.47	
05/10/2015 18:00	16.46	
05/10/2015 21:00	19.61	
05/11/2015 00:00	17.35	
05/11/2015 03:00	17.47	
05/11/2015 06:00	17.50	
05/11/2015 09:00	16.29	
05/11/2015 12:00	15.82	
05/11/2015 15:00	16.96	
05/11/2015 18:00	18.35	
05/11/2015 21:00	19.95	
05/12/2015 00:00	20.63	
05/12/2015 03:00	19.96	
05/12/2015 06:00	18.51	
05/12/2015 09:00	15.78	
05/12/2015 12:00	14.24	
05/12/2015 15:00	16.19	
05/12/2015 18:00	19.36	
05/12/2015 21:00	21.90	
05/13/2015 00:00	22.19	
05/13/2015 03:00	21.31	
05/13/2015 06:00	16.37	
05/13/2015 09:00	21.06	
05/13/2015 12:00	20.46	
05/13/2015 15:00	17.97	
05/13/2015 18:00	17.82	
05/13/2015 21:00	20.39	
05/14/2015 00:00	20.94	
05/14/2015 03:00	20.76	
05/14/2015 06:00	20.06	
05/14/2015 09:00	20.50	
05/14/2015 12:00	18.98	
05/14/2015 15:00	18.85	
05/14/2015 18:00	18.32	
05/14/2015 21:00	17.58	
05/15/2015 00:00	17.35	
05/15/2015 03:00	17.79	
05/15/2015 06:00	18.09	
05/15/2015 09:00	16.12	
05/15/2015 12:00	17.84	
05/15/2015 15:00	16.65	

Emissions Limits:
28.36 LBS/Hr
124.23 Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
05/15/2015 18:00	19.66	
05/15/2015 21:00	16.96	
05/16/2015 00:00	18.62	
05/16/2015 03:00	17.81	
05/16/2015 06:00	16.51	
05/16/2015 09:00	15.18	
05/16/2015 12:00	16.49	
05/16/2015 15:00	17.59	
05/16/2015 18:00	15.79	
05/16/2015 21:00	16.95	
05/17/2015 00:00	17.34	
05/17/2015 03:00	15.06	
05/17/2015 06:00	15.22	
05/17/2015 09:00	14.51	
05/17/2015 12:00	20.73	
05/17/2015 15:00	16.38	
05/17/2015 18:00	14.52	
05/17/2015 21:00	16.56	
05/18/2015 00:00	17.54	
05/18/2015 03:00	19.45	
05/18/2015 06:00	15.82	
05/18/2015 09:00	15.97	
05/18/2015 12:00	20.52	
05/18/2015 15:00	18.85	
05/18/2015 18:00	19.18	
05/18/2015 21:00	18.65	
05/19/2015 00:00	18.10	
05/19/2015 03:00	17.21	
05/19/2015 06:00	17.39	
05/19/2015 09:00	15.64	
05/19/2015 12:00	16.14	
05/19/2015 15:00	15.75	
05/19/2015 18:00	17.93	
05/19/2015 21:00	17.85	
05/20/2015 00:00	17.59	
05/20/2015 03:00	18.11	
05/20/2015 06:00	18.21	
05/20/2015 09:00	20.03	
05/20/2015 12:00	19.37	
05/20/2015 15:00	16.99	
05/20/2015 18:00	14.97	
05/20/2015 21:00	14.04	
05/21/2015 00:00	17.10	
05/21/2015 03:00	16.62	
05/21/2015 06:00	17.07	
05/21/2015 09:00	17.70	
05/21/2015 12:00	16.55	
05/21/2015 15:00	17.67	
05/21/2015 18:00	18.47	
05/21/2015 21:00	17.75	
05/22/2015 00:00	17.16	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
05/22/2015 03:00	16.49	
05/22/2015 06:00	19.65	
05/22/2015 09:00	17.72	
05/22/2015 12:00	19.56	
05/22/2015 15:00	18.10	
05/22/2015 18:00	22.98	
05/22/2015 21:00	23.69	
05/23/2015 00:00	20.90	
05/23/2015 03:00	18.08	
05/23/2015 06:00	17.84	
05/23/2015 09:00	15.83	
05/23/2015 12:00	14.71	
05/23/2015 15:00	16.52	
05/23/2015 18:00	15.32	
05/23/2015 21:00	14.91	
05/24/2015 00:00	16.68	
05/24/2015 03:00	17.19	
05/24/2015 06:00	18.06	
05/24/2015 09:00	17.44	
05/24/2015 12:00	14.88	
05/24/2015 15:00	16.17	
05/24/2015 18:00	17.09	
05/24/2015 21:00	16.94	
05/25/2015 00:00	14.13	
05/25/2015 03:00	17.07	
05/25/2015 06:00	15.59	
05/25/2015 09:00	18.08	
05/25/2015 12:00	18.61	
05/25/2015 15:00	15.75	
05/25/2015 18:00	20.13	
05/25/2015 21:00	18.89	
05/26/2015 00:00	19.12	
05/26/2015 03:00	19.10	
05/26/2015 06:00	19.55	
05/26/2015 09:00	17.39	
05/26/2015 12:00	14.35	
05/26/2015 15:00	19.12	
05/26/2015 18:00	15.61	
05/26/2015 21:00	11.27	
05/27/2015 00:00	12.97	
05/27/2015 03:00	14.70	
05/27/2015 06:00	16.92	
05/27/2015 09:00	19.90	
05/27/2015 12:00	23.22	
05/27/2015 15:00	24.07	
05/27/2015 18:00	18.66	
05/27/2015 21:00	20.29	
05/28/2015 00:00	20.89	
05/28/2015 03:00	18.76	
05/28/2015 06:00	19.39	
05/28/2015 09:00	19.05	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
05/28/2015 12:00	19.68	
05/28/2015 15:00	18.45	
05/28/2015 18:00	20.70	
05/28/2015 21:00	16.10	
05/29/2015 00:00	24.85	
05/29/2015 03:00	21.58	
05/29/2015 06:00	0.00	
05/29/2015 09:00	0.00	
05/29/2015 12:00	0.03	
05/29/2015 15:00	2.65	
05/29/2015 18:00	4.59	
05/29/2015 21:00	9.51	
05/30/2015 00:00	22.69	
05/30/2015 03:00	23.17	
05/30/2015 06:00	22.81	
05/30/2015 09:00	19.74	
05/30/2015 12:00	19.82	
05/30/2015 15:00	21.37	
05/30/2015 18:00	19.80	
05/30/2015 21:00	18.68	
05/31/2015 00:00	16.66	
05/31/2015 03:00	14.47	
05/31/2015 06:00	14.45	
05/31/2015 09:00	15.31	
05/31/2015 12:00	15.09	
05/31/2015 15:00	14.61	
05/31/2015 18:00	14.57	
05/31/2015 21:00	18.81	
06/01/2015 00:00	20.63	
06/01/2015 03:00	23.08	
06/01/2015 06:00	23.97	
06/01/2015 09:00	19.32	
06/01/2015 12:00	18.79	
06/01/2015 15:00	17.47	
06/01/2015 18:00	18.82	
06/01/2015 21:00	21.27	
06/02/2015 00:00	20.77	
06/02/2015 03:00	19.28	
06/02/2015 06:00	18.75	
06/02/2015 09:00	15.73	
06/02/2015 12:00	14.74	
06/02/2015 15:00	16.17	
06/02/2015 18:00	18.38	
06/02/2015 21:00	22.07	
06/03/2015 00:00	17.03	
06/03/2015 03:00	18.74	
06/03/2015 06:00	20.26	
06/03/2015 09:00	19.42	
06/03/2015 12:00	18.36	
06/03/2015 15:00	16.42	
06/03/2015 18:00	18.70	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
06/03/2015 21:00	19.55	
06/04/2015 00:00	19.93	
06/04/2015 03:00	19.70	
06/04/2015 06:00	21.20	
06/04/2015 09:00	20.84	
06/04/2015 12:00	19.54	
06/04/2015 15:00	19.02	
06/04/2015 18:00	23.11	
06/04/2015 21:00	23.66	
06/05/2015 00:00	24.95	
06/05/2015 03:00	19.72	
06/05/2015 06:00	18.54	
06/05/2015 09:00	17.85	
06/05/2015 12:00	18.31	
06/05/2015 15:00	19.90	
06/05/2015 18:00	15.12	
06/05/2015 21:00	20.55	
06/06/2015 00:00	20.33	
06/06/2015 03:00	23.17	
06/06/2015 06:00	20.93	
06/06/2015 09:00	19.89	
06/06/2015 12:00	18.32	
06/06/2015 15:00	21.98	
06/06/2015 18:00	22.41	
06/06/2015 21:00	25.43	
06/07/2015 00:00	24.52	
06/07/2015 03:00	22.05	
06/07/2015 06:00	20.47	
06/07/2015 09:00	21.13	
06/07/2015 12:00	21.94	
06/07/2015 15:00	22.83	
06/07/2015 18:00	23.46	
06/07/2015 21:00	22.57	
06/08/2015 00:00	21.80	
06/08/2015 03:00	21.98	
06/08/2015 06:00	21.03	
06/08/2015 09:00	17.27	
06/08/2015 12:00	17.17	
06/08/2015 15:00	16.80	
06/08/2015 18:00	20.16	
06/08/2015 21:00	20.31	
06/09/2015 00:00	22.92	
06/09/2015 03:00	24.80	
06/09/2015 06:00	22.42	
06/09/2015 09:00	20.95	
06/09/2015 12:00	20.23	
06/09/2015 15:00	21.38	
06/09/2015 18:00	24.55	
06/09/2015 21:00	24.11	
06/10/2015 00:00	26.88	
06/10/2015 03:00	24.25	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
06/10/2015 06:00	21.75	
06/10/2015 09:00	22.00	
06/10/2015 12:00	23.93	
06/10/2015 15:00	21.14	
06/10/2015 18:00	19.63	
06/10/2015 21:00	18.17	
06/11/2015 00:00	18.59	
06/11/2015 03:00	19.60	
06/11/2015 06:00	21.16	
06/11/2015 09:00	19.34	
06/11/2015 12:00	16.69	
06/11/2015 15:00	19.61	
06/11/2015 18:00	23.08	
06/11/2015 21:00	22.77	
06/12/2015 00:00	23.47	
06/12/2015 03:00	25.01	
06/12/2015 06:00	23.68	
06/12/2015 09:00	22.41	
06/12/2015 12:00	23.42	
06/12/2015 15:00	19.45	
06/12/2015 18:00	21.45	
06/12/2015 21:00	22.67	
06/13/2015 00:00	21.96	
06/13/2015 03:00	22.88	
06/13/2015 06:00	21.79	
06/13/2015 09:00	23.04	
06/13/2015 12:00	19.56	
06/13/2015 15:00	19.08	
06/13/2015 18:00	20.86	
06/13/2015 21:00	20.66	
06/14/2015 00:00	18.66	
06/14/2015 03:00	17.72	
06/14/2015 06:00	17.10	
06/14/2015 09:00	17.90	
06/14/2015 12:00	16.81	
06/14/2015 15:00	17.29	
06/14/2015 18:00	17.50	
06/14/2015 21:00	21.24	
06/15/2015 00:00	23.13	
06/15/2015 03:00	21.08	
06/15/2015 06:00	23.37	
06/15/2015 09:00	22.43	
06/15/2015 12:00	18.11	
06/15/2015 15:00	17.41	
06/15/2015 18:00	17.77	
06/15/2015 21:00	21.27	
06/16/2015 00:00	19.42	
06/16/2015 03:00	22.00	
06/16/2015 06:00	20.04	
06/16/2015 09:00	18.30	
06/16/2015 12:00	17.77	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
06/16/2015 15:00	15.63	
06/16/2015 18:00	19.30	
06/16/2015 21:00	18.02	
06/17/2015 00:00	20.55	
06/17/2015 03:00	20.93	
06/17/2015 06:00	21.07	
06/17/2015 09:00	17.48	
06/17/2015 12:00	18.04	
06/17/2015 15:00	21.07	
06/17/2015 18:00	23.48	
06/17/2015 21:00	23.77	
06/18/2015 00:00	24.29	
06/18/2015 03:00	23.39	
06/18/2015 06:00	20.35	
06/18/2015 09:00	16.82	
06/18/2015 12:00	16.70	
06/18/2015 15:00	18.21	
06/18/2015 18:00	20.82	
06/18/2015 21:00	23.21	
06/19/2015 00:00	6.78	
06/19/2015 03:00	0.12	
06/19/2015 06:00	0.00	
06/19/2015 09:00	0.00	
06/19/2015 12:00	0.00	
06/19/2015 15:00	0.00	
06/19/2015 18:00	0.00	
06/19/2015 21:00	0.00	
06/20/2015 00:00	0.00	
06/20/2015 03:00	0.00	
06/20/2015 06:00	0.00	
06/20/2015 09:00	0.00	
06/20/2015 12:00	0.00	
06/20/2015 15:00	0.00	
06/20/2015 18:00	0.00	
06/20/2015 21:00	0.12	
06/21/2015 00:00	2.12	
06/21/2015 03:00	2.74	
06/21/2015 06:00	4.84	
06/21/2015 09:00	5.53	
06/21/2015 12:00	17.83	
06/21/2015 15:00	1.94	
06/21/2015 18:00	6.62	
06/21/2015 21:00	17.30	
06/22/2015 00:00	22.14	
06/22/2015 03:00	24.28	
06/22/2015 06:00	24.13	
06/22/2015 09:00	20.79	
06/22/2015 12:00	20.26	
06/22/2015 15:00	20.00	
06/22/2015 18:00	24.19	
06/22/2015 21:00	26.39	

**NOx
Excess Emissions Report
3-Hour Block Averages**

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
06/23/2015 00:00	24.99	
06/23/2015 03:00	25.93	
06/23/2015 06:00	23.92	
06/23/2015 09:00	19.58	
06/23/2015 12:00	17.91	
06/23/2015 15:00	21.72	
06/23/2015 18:00		Lightning Strike failed Wet O2 so correction was incorrect
06/23/2015 21:00		Lightning Strike failed Wet O2 so correction was incorrect
06/24/2015 00:00	19.83	Manually Calculated due to instrument problems from strike
06/24/2015 03:00	20.91	Manually Calculated due to instrument problems from strike
06/24/2015 06:00	19.57	Manually Calculated due to instrument problems from strike
06/24/2015 09:00	20.41	Manually Calculated due to instrument problems from strike
06/24/2015 12:00	19.41	Manually Calculated due to instrument problems from strike
06/24/2015 15:00	21.05	Manually Calculated due to instrument problems from strike
06/24/2015 18:00	22.52	Manually Calculated due to instrument problems from strike
06/24/2015 21:00	19.27	Manually Calculated due to instrument problems from strike
06/25/2015 00:00	19.48	Manually Calculated due to instrument problems from strike
06/25/2015 03:00	18.73	Manually Calculated due to instrument problems from strike
06/25/2015 06:00	15.67	Manually Calculated due to instrument problems from strike
06/25/2015 09:00	16.33	Manually Calculated due to instrument problems from strike
06/25/2015 12:00	17.85	Manually Calculated due to instrument problems from strike
06/25/2015 15:00	20.38	Manually Calculated due to instrument problems from strike
06/25/2015 18:00	20.42	
06/25/2015 21:00	19.02	
06/26/2015 00:00	19.68	
06/26/2015 03:00	18.62	
06/26/2015 06:00	22.30	
06/26/2015 09:00	22.30	
06/26/2015 12:00	17.86	
06/26/2015 15:00	18.90	
06/26/2015 18:00	15.14	
06/26/2015 21:00	13.81	
06/27/2015 00:00	15.95	
06/27/2015 03:00	21.74	
06/27/2015 06:00	17.18	
06/27/2015 09:00	17.27	
06/27/2015 12:00	18.38	
06/27/2015 15:00	20.86	
06/27/2015 18:00	17.48	
06/27/2015 21:00	21.26	
06/28/2015 00:00	23.06	
06/28/2015 03:00	24.13	
06/28/2015 06:00	23.09	
06/28/2015 09:00	23.82	Exceedance
06/28/2015 12:00	20.86	
06/28/2015 15:00	17.85	
06/28/2015 18:00	20.44	
06/28/2015 21:00	22.80	
06/29/2015 00:00	23.89	
06/29/2015 03:00	24.95	
06/29/2015 06:00	24.98	

Emissions Limits:
28.38 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
06/29/2015 09:00	21.73	
06/29/2015 12:00	19.04	
06/29/2015 15:00	20.16	
06/29/2015 18:00	16.57	
06/29/2015 21:00	11.91	
06/30/2015 00:00	20.16	
06/30/2015 03:00	19.76	
06/30/2015 06:00	20.02	
06/30/2015 09:00	15.89	
06/30/2015 12:00	16.51	
06/30/2015 15:00	16.78	
06/30/2015 18:00	17.68	
06/30/2015 21:00	20.66	

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Apr-15	06:46 AM	07:07 AM	21	Calibration Check	17-May-15	07:20 AM	07:42 AM	22	Calibration Check
02-Apr-15	07:03 AM	07:17 AM	14	Calibration Check	18-May-15	06:20 AM	06:41 AM	21	Calibration Check
03-Apr-15	07:02 AM	07:24 AM	22	Calibration Check	19-May-15	06:20 AM	06:41 AM	21	Calibration Check
04-Apr-15	09:11 AM	09:32 AM	21	Calibration Check	20-May-15	06:20 AM	06:41 AM	21	Calibration Check
05-Apr-15	11:01 AM	11:22 AM	21	Calibration Check	21-May-15	06:20 AM	06:41 AM	21	Calibration Check
06-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	22-May-15	06:20 AM	06:41 AM	21	Calibration Check
07-Apr-15	07:00 AM	07:08 AM	8	Calibration Check	23-May-15	06:20 AM	06:41 AM	21	Calibration Check
08-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	24-May-15	06:20 AM	06:41 AM	21	Calibration Check
09-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	25-May-15	07:05 AM	07:27 AM	22	Calibration Check
10-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	26-May-15	07:00 AM	07:22 AM	22	Calibration Check
11-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	27-May-15	06:20 AM	06:41 AM	21	Calibration Check
12-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	28-May-15	06:36 AM	06:57 AM	21	Calibration Check
13-Apr-15	06:39 AM	07:01 AM	22	Calibration Check	29-May-15	06:37 AM	06:59 AM	22	Calibration Check
14-Apr-15	07:12 AM	07:34 AM	22	Calibration Check	30-May-15	11:15 AM	11:37 AM	22	Calibration Check
15-Apr-15	06:43 AM	07:05 AM	22	Calibration Check	31-May-15	08:12 AM	08:34 AM	22	Calibration Check
16-Apr-15	06:48 AM	07:09 AM	21	Calibration Check	01-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
17-Apr-15	06:16 AM	06:38 AM	22	Calibration Check	02-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
18-Apr-15	06:27 AM	06:49 AM	22	Calibration Check	03-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
19-Apr-15	06:14 AM	06:36 AM	22	Calibration Check	04-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
20-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	05-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
21-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	06-Jun-15	07:35 AM	07:50 AM	15	Calibration Check
22-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	07-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
23-Apr-15	07:04 AM	07:18 AM	14	Calibration Check	08-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
24-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	09-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
25-Apr-15	06:46 AM	07:01 AM	15	Calibration Check	10-Jun-15	07:12 AM	07:26 AM	14	Calibration Check
26-Apr-15	06:20 AM	06:41 AM	21	Calibration Check	11-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
27-Apr-15	05:50 AM	06:11 AM	21	Calibration Check	12-Jun-15	05:37 AM	05:58 AM	21	Calibration Check
28-Apr-15	06:55 AM	07:16 AM	21	Calibration Check	13-Jun-15	09:05 AM	09:26 AM	21	Calibration Check
29-Apr-15	08:46 AM	07:08 AM	22	Calibration Check	14-Jun-15	09:57 AM	10:19 AM	22	Calibration Check
30-Apr-15	06:40 AM	07:02 AM	22	Calibration Check	15-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
01-May-15	07:05 AM	07:26 AM	21	Calibration Check	16-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
02-May-15	06:20 AM	06:34 AM	14	Calibration Check	17-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
03-May-15	06:18 AM	06:39 AM	21	Calibration Check	18-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
04-May-15	06:20 AM	06:41 AM	21	Calibration Check	19-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
05-May-15	06:20 AM	06:41 AM	21	Calibration Check	20-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
06-May-15	06:20 AM	06:41 AM	21	Calibration Check	21-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
07-May-15	06:20 AM	06:41 AM	21	Calibration Check	22-Jun-15	06:32 AM	06:54 AM	22	Calibration Check
08-May-15	06:20 AM	06:41 AM	21	Calibration Check	23-Jun-15	06:16 AM	06:38 AM	22	Calibration Check
09-May-15	06:20 AM	06:41 AM	21	Calibration Check	24-Jun-15	03:48 PM	04:09 PM	21	Calibration Check
10-May-15	06:20 AM	06:41 AM	21	Calibration Check	25-Jun-15	03:27 PM	03:49 PM	22	Calibration Check
11-May-15	06:44 AM	07:06 AM	22	Calibration Check	26-Jun-15	10:37 AM	10:58 AM	21	Calibration Check
12-May-15	06:37 AM	06:58 AM	21	Calibration Check	27-Jun-15	10:57 AM	11:18 AM	21	Calibration Check
13-May-15	06:37 AM	06:58 AM	21	Calibration Check	27-Jun-15	12:42 PM	12:56 PM	14	Recalibrated
14-May-15	03:10 PM	03:32 PM	22	Calibration Check	28-Jun-15	09:13 AM	09:35 AM	22	Calibration Check
15-May-15	06:55 AM	07:03 AM	8	Calibration Check	29-Jun-15	06:40 AM	07:02 AM	22	Calibration Check
16-May-15	05:03 AM	05:25 AM	22	Calibration Check	30-Jun-15	07:52 AM	08:13 AM	21	Calibration Check
			Minutes					Minutes	
			925					960	
Total minutes for quality assurance:									
			Minutes						
			1885						

California Analytical Instruments
Model: 600-CLD
SN: U12052

Heritage Thermal Services
2nd Quarter 2015

**NOX Monitor
Preventative
Maintenance**

California Analytical Instruments
Model: 600-CLD
SN: U12052

Date	Duration	Activity
TOTAL		
(e.g., blowback, manual adjustment to monitors, etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

Emissions Limits:
95.26 Tons/Year

**CO EXCESS
EMISSIONS REPORT**

Thermo Scientific
Model: 48
Serial Number:
CM10360078

	Date	Time	Lb/MMBtu	Incinerator Operation	Reason	Corrective Action	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
					No Short-term limit			
	Total CO emissions for the quarter:							
			lbs	tons				
			12399	6.20				

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Apr-15	07:14 AM	07:25 AM	11	Calibration Check	17-May-15	06:50 AM	07:01 AM	11	Calibration Check
02-Apr-15	07:26 AM	07:38 AM	12	Calibration Check	18-May-15	06:50 AM	07:01 AM	11	Calibration Check
03-Apr-15	07:29 AM	07:40 AM	11	Calibration Check	19-May-15	06:50 AM	07:01 AM	11	Calibration Check
04-Apr-15	09:37 AM	09:48 AM	11	Calibration Check	20-May-15	06:50 AM	07:01 AM	11	Calibration Check
05-Apr-15	11:27 AM	11:38 AM	11	Calibration Check	21-May-15	06:50 AM	07:01 AM	11	Calibration Check
06-Apr-15	06:50 AM	07:01 AM	11	Calibration Check	22-May-15	07:16 AM	07:22 AM	6	Calibration Check
07-Apr-15	07:14 AM	07:25 AM	11	Calibration Check	23-May-15	06:50 AM	07:01 AM	11	Calibration Check
08-Apr-15	06:50 AM	07:01 AM	11	Calibration Check	24-May-15	06:50 AM	07:01 AM	11	Calibration Check
09-Apr-15	06:50 AM	07:01 AM	11	Calibration Check	25-May-15	06:50 AM	07:01 AM	11	Calibration Check
10-Apr-15	06:50 AM	07:01 AM	11	Calibration Check	26-May-15	06:46 AM	06:57 AM	11	Calibration Check
11-Apr-15	06:50 AM	07:01 AM	11	Calibration Check	27-May-15	06:50 AM	07:01 AM	11	Calibration Check
12-Apr-15	06:50 AM	07:01 AM	11	Calibration Check	28-May-15	07:02 AM	07:13 AM	11	Calibration Check
13-Apr-15	07:14 AM	07:25 AM	11	Calibration Check	29-May-15	07:03 AM	07:14 AM	11	Calibration Check
14-Apr-15	07:39 AM	07:50 AM	11	Calibration Check	30-May-15	11:42 AM	11:53 AM	11	Calibration Check
15-Apr-15	07:10 AM	07:22 AM	12	Calibration Check	31-May-15	09:18 AM	09:29 AM	11	Calibration Check
16-Apr-15	07:16 AM	07:27 AM	11	Calibration Check	01-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
17-Apr-15	06:43 AM	06:54 AM	11	Calibration Check	02-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
18-Apr-15	06:12 AM	06:23 AM	11	Calibration Check	03-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
19-Apr-15	06:00 AM	06:11 AM	11	Calibration Check	04-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
20-Apr-15	06:50 AM	07:01 AM	11	Calibration Check	05-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
21-Apr-15	06:50 AM	07:01 AM	11	Calibration Check	06-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
22-Apr-15	07:40 AM	07:51 AM	11	Calibration Check	07-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
23-Apr-15	07:24 AM	07:35 AM	11	Calibration Check	08-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
24-Apr-15	06:50 AM	07:01 AM	11	Calibration Check	09-Jun-15	07:08 AM	07:19 AM	11	Calibration Check
25-Apr-15	07:18 AM	07:29 AM	11	Calibration Check	10-Jun-15	07:30 AM	07:42 AM	12	Calibration Check
26-Apr-15	06:50 AM	07:01 AM	11	Calibration Check	11-Jun-15	07:16 AM	07:27 AM	11	Calibration Check
27-Apr-15	05:25 AM	05:36 AM	11	Calibration Check	12-Jun-15	06:02 AM	06:14 AM	12	Calibration Check
28-Apr-15	07:20 AM	07:31 AM	11	Calibration Check	13-Jun-15	08:50 AM	09:01 AM	11	Calibration Check
29-Apr-15	06:32 AM	06:43 AM	11	Calibration Check	14-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
30-Apr-15	07:06 AM	07:17 AM	11	Calibration Check	15-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
01-May-15	06:50 AM	07:01 AM	11	Calibration Check	16-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
02-May-15	06:38 AM	06:49 AM	11	Calibration Check	17-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
03-May-15	06:46 AM	06:57 AM	11	Calibration Check	18-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
04-May-15	06:50 AM	07:01 AM	11	Calibration Check	19-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
05-May-15	06:50 AM	07:01 AM	11	Calibration Check	20-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
06-May-15	06:50 AM	07:01 AM	11	Calibration Check	21-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
07-May-15	06:50 AM	07:01 AM	11	Calibration Check	22-Jun-15	07:02 AM	07:13 AM	11	Calibration Check
08-May-15	06:50 AM	07:01 AM	11	Calibration Check	23-Jun-15	06:46 AM	06:57 AM	11	Calibration Check
09-May-15	06:50 AM	07:01 AM	11	Calibration Check	23-Jun-15	10:47 PM	10:58 PM	11	Recalibration
10-May-15	07:15 AM	07:23 AM	8	Calibration Check	24-Jun-15	03:33 PM	03:44 PM	11	Calibration Check
11-May-15	07:33 AM	07:38 AM	5	Calibration Check	25-Jun-15	03:54 PM	04:05 PM	11	Calibration Check
12-May-15	07:10 AM	07:21 AM	11	Calibration Check	26-Jun-15	11:06 AM	11:18 AM	12	Calibration Check
13-May-15	07:03 AM	07:14 AM	11	Calibration Check	27-Jun-15	01:07 PM	01:18 PM	11	Calibration Check
14-May-15	02:40 PM	02:51 PM	11	Calibration Check	28-Jun-15	09:39 AM	09:51 AM	12	Calibration Check
15-May-15	07:14 AM	07:25 AM	11	Calibration Check	29-Jun-15	07:06 AM	07:17 AM	11	Calibration Check
16-May-15	04:49 AM	05:00 AM	11	Calibration Check	30-Jun-15	08:24 AM	08:35 AM	11	Calibration Check
			Minutes					Minutes	
			499					505	
Total minutes for quality assurance:									
			Minutes						
			1004						

CO Monitor
Stack #2
Downtime

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER				Stack #2 - CO		
6/23/2015	1:28 PM	4:04 PM	156	Lightning caused problems	Fixed AO	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
6/23/2015	10:47 PM	10:58 PM	11	Stack Re-Calibration	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
5/22/2015	1:39 PM	1:55 PM	16	OTHER ANALYZER WORK DONE (Dry O2)	Qual Calibration Primary and Seco	On Hazardous Waste
5/22/2015	3:05 PM	3:20 PM	15	OTHER ANALYZER WORK DONE (Dry O2)	Manual Calibration	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					131,040	
TOTAL OPERATING TIME OF SOURCE:					122,798	
TOTAL DOWNTIME OF CEM SYSTEM:					198	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					198	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					122,600	
SYSTEM AVAILABILITY					99.8%	

**CO Monitor
Stack #2
Preventative
Maintenance**

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

Date	Duration	Activity
TOTAL		
(e.g., blowback, manual adjustment to monitors, etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

**Opacity Exceedance
Summary**

EMISSION LIMIT: 20%
SIX-MINUTE STARTING
AT THE TOP OF THE HOUR

Date	MAXIMUM OPACITY	Duration (min)	Reason	Corrective Action
05/25/2015 14:18	20.9	6	Malfunction - Instrument/ID Fan	Repaired UPS. Restarted fan.
05/26/2015 10:36	49.6	12	Maintenance - Lens Cleaning	Finished Maintenance
05/28/2015 13:18	47.5	12	Quarterly CEM Audit	Completed Audit
		30	Total Minutes	

TELEDYNE MONITOR LABS
 MODEL: LightHawk 560
 SN #5600687

Opacity Exceedance

EMISSION LIMIT: 20%
 SIX-MINUTE STARTING
 AT THE TOP OF THE HOUR

	Date	% Opacity	Cause of Exceedance	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	05/25/2015 14:18	20.89	Malfunction - Instrument/ID Fan	Repaired UPS. Restarted fan.	Retention	Yes	No
2	05/26/2015 10:36	49.63	Maintenance - Lens Cleaning	Finished Maintenance	Waste	Yes	No
3	05/26/2015 10:42	20.76	Maintenance - Lens Cleaning	Finished Maintenance	Waste	Yes	No
4	05/28/2015 13:18	25.31	Quarterly CEM Audit	Completed Audit	Waste	Yes	No
5	05/28/2015 13:24	47.50	Quarterly CEM Audit	Completed Audit	Waste	Yes	No
		5	Total 6-Minute Averages in Exceedance				
		3	Number of Events				

Flows-Opacity - QA

[illegible]

TELEDYNE MONITOR LABS
 MODEL: LightHawk 560
 SN #5600687

Opacity Monitor
 Downtime

Date	Start Time	End Time	Duration	Reason	Action
WORK ON THIS ANALYZER					
OUT OF CONTROL PERIODS					
SYSTEM RECALIBRATIONS					
6/29/2015	3:13 PM	3:21 PM	8	STACK RE-CALIBRATION	NONE
MONITOR EQUIPMENT MALFUNCTION					
OTHER ANALYZER WORK AFFECTING THIS ANALYZER					
				Other	
UNRECORDED TIME (MISSING MINUTES)					
TOTAL MINUTES IN QUARTER:					131,040
TOTAL OPERATING TIME OF SOURCE:					122,798
TOTAL DOWNTIME OF CEM SYSTEM:					8
CEM DOWNTIME DURING SOURCE OPERATING TIME:					8
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					122,790
SYSTEM AVAILABILITY					100.0%

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor Downtime

[illegible]

**OPACITY MONITOR
PREVENTIVE MAINTENANCE**

Date	Duration	Activity
28-May-15	120	Audit
Total Minutes:	120	
(e.g., blowback, manual adjustment to monitor)		



HERITAGE THERMAL SERVICES
1250 St. George Street
East Liverpool, Ohio 43920-3400
Phone: 330-385-7337
Fax: 330-385-7813
www.heritage-thermal.com

OHSAS 18001: 2007
ISO 14001: 2004
ISO 9001: 2008

Mr. Erik Bewley
OEPA-DAPC-NEDO
2110 E. Aurora Road
Twinsburg, OH 44087

October 23, 2015
VIA UPS and Air Services

RE: HERITAGE THERMAL SERVICES
FACILITY ID: 02-15-02-0233
3RD QUARTER 2015
EXCESS EMISSIONS REPORT

Dear Mr. Bewley:

Enclosed are the quarterly reports for excess emissions of opacity, sulfur dioxide, oxides of nitrogen, and total hydrocarbons as required by Heritage Thermal Services' Title V Permit # P0084372. Additional information regarding incinerator operation, kiln and secondary combustion temperature, and carbon monoxide emissions are also included. This report covers the period **July 1, 2015 through September 30, 2015.**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are certain penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

If you have any questions feel free to contact me at 330-385-7337.

Sincerely,

A handwritten signature in black ink, appearing to read "Stewart Fletcher", is written above the printed name.

Stewart Fletcher
General Manager
Heritage Thermal Services



Recycled Paper

Key Words: Air / Quarterly Report /3rd Quarter 2015 EER

File Name: Environ\Vince\EER Quarterly\153Q\eer cover 153Q.doc

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
07/01/2015 00:00	07/04/2015 17:24	5365	On Hazardous Waste
07/04/2015 17:25	07/04/2015 17:37	13	Retention
07/04/2015 17:38	07/08/2015 15:04	5607	On Hazardous Waste
07/08/2015 15:05	07/08/2015 18:42	218	Retention
07/08/2015 18:43	07/11/2015 03:53	3431	On Hazardous Waste
07/11/2015 03:54	07/11/2015 03:56	3	Retention
07/11/2015 03:57	07/12/2015 13:01	1985	On Hazardous Waste
07/12/2015 13:02	07/12/2015 13:05	4	Retention
07/12/2015 13:06	07/12/2015 13:37	32	On Hazardous Waste
07/12/2015 13:38	07/12/2015 13:41	4	Retention
07/12/2015 13:42	07/12/2015 16:36	175	On Hazardous Waste
07/12/2015 16:37	07/12/2015 17:51	75	Retention
07/12/2015 17:52	07/12/2015 20:25	154	On Hazardous Waste
07/12/2015 20:26	07/12/2015 21:07	42	Retention
07/12/2015 21:08	07/13/2015 06:53	586	On Hazardous Waste
07/13/2015 06:54	07/13/2015 07:56	63	Retention
07/13/2015 07:57	07/13/2015 10:48	172	On Hazardous Waste
07/13/2015 10:49	07/13/2015 11:48	60	Retention
07/13/2015 11:49	07/14/2015 22:13	2065	On Hazardous Waste
07/14/2015 22:14	07/14/2015 23:11	58	Retention
07/14/2015 23:12	07/15/2015 23:02	1431	On Hazardous Waste
07/15/2015 23:03	07/15/2015 23:15	13	Retention
07/15/2015 23:16	07/17/2015 00:07	1492	On Hazardous Waste
07/17/2015 00:08	07/17/2015 00:17	10	Retention
07/17/2015 00:18	07/18/2015 11:11	2094	On Hazardous Waste
07/18/2015 11:12	07/18/2015 11:56	45	Retention
07/18/2015 11:57	07/18/2015 18:36	400	On Hazardous Waste
07/18/2015 18:37	07/18/2015 18:39	3	Retention
07/18/2015 18:40	07/20/2015 08:02	2243	On Hazardous Waste
07/20/2015 08:03	07/20/2015 09:05	63	Retention
07/20/2015 09:06	07/22/2015 12:59	3114	On Hazardous Waste
07/22/2015 13:00	07/22/2015 14:03	64	Retention
07/22/2015 14:04	07/22/2015 20:07	364	On Hazardous Waste
07/22/2015 20:08	07/22/2015 20:49	42	Retention
07/22/2015 20:50	07/23/2015 06:37	588	On Hazardous Waste
07/23/2015 06:38	07/23/2015 06:41	4	Retention
07/23/2015 06:42	07/23/2015 12:44	363	On Hazardous Waste
07/23/2015 12:45	07/23/2015 13:38	54	Retention
07/23/2015 13:39	07/24/2015 19:26	1788	On Hazardous Waste
07/24/2015 19:27	07/24/2015 20:22	56	Retention
07/24/2015 20:23	07/25/2015 03:05	403	On Hazardous Waste
07/25/2015 03:06	07/25/2015 04:05	60	Retention
07/25/2015 04:06	07/25/2015 19:50	945	On Hazardous Waste
07/25/2015 19:51	07/25/2015 20:19	29	Retention
07/25/2015 20:20	07/27/2015 16:02	2623	On Hazardous Waste
07/27/2015 16:03	07/27/2015 16:04	2	Retention
07/27/2015 16:05	07/29/2015 01:33	2009	On Hazardous Waste
07/29/2015 01:34	07/29/2015 02:11	38	Retention
07/29/2015 02:12	07/29/2015 03:27	76	On Virgin Fuels
07/29/2015 03:28	07/30/2015 02:23	1376	On Hazardous Waste
07/30/2015 02:24	07/30/2015 02:34	11	Retention
07/30/2015 02:35	07/31/2015 11:14	1960	On Hazardous Waste
07/31/2015 11:15	07/31/2015 11:17	3	Retention
07/31/2015 11:18	08/01/2015 22:35	2118	On Hazardous Waste
08/01/2015 22:36	08/01/2015 23:01	26	Retention
08/01/2015 23:02	08/02/2015 20:07	1266	On Hazardous Waste
08/02/2015 20:08	08/02/2015 20:11	4	Retention
08/02/2015 20:12	08/03/2015 03:11	420	On Hazardous Waste
08/03/2015 03:12	08/03/2015 03:12	1	Retention
08/03/2015 03:13	08/03/2015 20:53	1061	On Hazardous Waste
08/03/2015 20:54	08/03/2015 20:56	3	Retention
08/03/2015 20:57	08/04/2015 02:23	327	On Hazardous Waste

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
08/04/2015 02:24	08/04/2015 03:20	57	Retention
08/04/2015 03:21	08/04/2015 03:26	6	On Hazardous Waste
08/04/2015 03:27	08/04/2015 04:02	36	Retention
08/04/2015 04:03	08/05/2015 07:31	1649	On Hazardous Waste
08/05/2015 07:32	08/05/2015 08:32	61	Retention
08/05/2015 08:33	08/05/2015 16:31	479	On Hazardous Waste
08/05/2015 16:32	08/05/2015 17:30	59	Retention
08/05/2015 17:31	08/05/2015 22:41	311	On Hazardous Waste
08/05/2015 22:42	08/06/2015 11:24	763	Offline
08/06/2015 11:25	08/06/2015 23:36	732	On Virgin Fuels
08/06/2015 23:37	08/07/2015 14:06	870	On Hazardous Waste
08/07/2015 14:07	08/07/2015 14:07	1	Retention
08/07/2015 14:08	08/11/2015 23:32	6325	On Hazardous Waste
08/11/2015 23:33	08/12/2015 00:34	62	Retention
08/12/2015 00:35	08/12/2015 03:46	192	On Hazardous Waste
08/12/2015 03:47	08/12/2015 03:47	1	Retention
08/12/2015 03:48	08/12/2015 15:01	674	On Hazardous Waste
08/12/2015 15:02	08/12/2015 16:03	62	Retention
08/12/2015 16:04	08/15/2015 19:10	4507	On Hazardous Waste
08/15/2015 19:11	08/15/2015 20:22	72	Retention
08/15/2015 20:23	08/16/2015 20:58	1476	On Hazardous Waste
08/16/2015 20:59	08/17/2015 03:00	362	Retention
08/17/2015 03:01	08/17/2015 03:02	2	Missing
08/17/2015 03:03	08/17/2015 04:40	98	Retention
08/17/2015 04:41	08/17/2015 07:40	180	On Virgin Fuels
08/17/2015 07:41	08/17/2015 18:20	640	On Hazardous Waste
08/17/2015 18:21	08/17/2015 18:54	34	Retention
08/17/2015 18:55	08/18/2015 04:10	556	On Hazardous Waste
08/18/2015 04:11	08/18/2015 05:08	58	Retention
08/18/2015 05:09	08/18/2015 18:49	821	On Hazardous Waste
08/18/2015 18:50	08/18/2015 18:51	2	Retention
08/18/2015 18:52	08/19/2015 10:51	960	On Hazardous Waste
08/19/2015 10:52	08/19/2015 11:52	61	Retention
08/19/2015 11:53	08/19/2015 16:37	285	On Hazardous Waste
08/19/2015 16:38	08/19/2015 17:40	63	Retention
08/19/2015 17:41	08/19/2015 20:19	159	On Hazardous Waste
08/19/2015 20:20	08/19/2015 21:21	62	Retention
08/19/2015 21:22	08/20/2015 09:27	726	On Hazardous Waste
08/20/2015 09:28	08/20/2015 09:28	1	Retention
08/20/2015 09:29	08/23/2015 06:15	4127	On Hazardous Waste
08/23/2015 06:16	09/04/2015 07:06	17331	Offline
09/04/2015 07:07	09/04/2015 09:47	161	On Virgin Fuels
09/04/2015 09:48	09/04/2015 10:25	38	Offline
09/04/2015 10:26	09/04/2015 10:26	1	On Virgin Fuels
09/04/2015 10:27	09/04/2015 12:15	109	Offline
09/04/2015 12:16	09/04/2015 14:05	110	On Virgin Fuels
09/04/2015 14:06	09/04/2015 22:45	520	Offline
09/04/2015 22:46	09/05/2015 19:52	1267	On Virgin Fuels
09/05/2015 19:53	09/05/2015 21:26	94	On Hazardous Waste
09/05/2015 21:27	09/05/2015 21:34	8	Retention
09/05/2015 21:35	09/07/2015 11:10	2256	On Hazardous Waste
09/07/2015 11:11	09/07/2015 12:09	59	Retention
09/07/2015 12:10	09/13/2015 21:11	9182	On Hazardous Waste
09/13/2015 21:12	09/13/2015 22:13	62	Retention
09/13/2015 22:14	09/14/2015 11:04	771	On Hazardous Waste
09/14/2015 11:05	09/14/2015 11:07	3	Retention
09/14/2015 11:08	09/15/2015 06:47	1180	On Hazardous Waste
09/15/2015 06:48	09/15/2015 06:53	6	Retention
09/15/2015 06:54	09/18/2015 09:16	4463	On Hazardous Waste
09/18/2015 09:17	09/18/2015 09:19	3	Retention
09/18/2015 09:20	09/20/2015 03:34	2535	On Hazardous Waste
09/20/2015 03:35	09/20/2015 04:19	45	Retention

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
09/20/2015 04:20	09/22/2015 12:18	3359	On Hazardous Waste
09/22/2015 12:19	09/22/2015 13:16	58	Retention
09/22/2015 13:17	09/25/2015 13:47	4351	On Hazardous Waste
09/25/2015 13:48	09/25/2015 14:48	61	Retention
09/25/2015 14:49	09/27/2015 23:36	3408	On Hazardous Waste
09/27/2015 23:37	09/28/2015 00:47	71	Retention
09/28/2015 00:48	09/30/2015 23:59	4272	On Hazardous Waste
		108591	On Hazardous Waste
		2599	Retention
		2527	On Virgin Fuels
		18761	Offline
		2	Missing
		132480	Total
		132480	Minutes in Quarter

Temperature is Report
on a One Hour
Average

Kiln Temperature **< 1695**

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
08/15/2015 19:47	1679.3	30	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.
09/18/2015 09:16	1693.8	3	Malfunction Lance Plugging	Cleared lance. Restarted unit.
		33	Total Minutes	

Temperature is Report
on a One Hour
Average

Kiln Temperature
< 1695

Kiln Temperature must be > 1695 while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
1	08/15/2015 19:47	1693.25	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
2	08/15/2015 19:48	1688.50	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
3	08/15/2015 19:49	1685.69	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
4	08/15/2015 19:50	1684.41	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
5	08/15/2015 19:51	1684.13	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
6	08/15/2015 19:52	1684.09	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
7	08/15/2015 19:53	1683.97	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
8	08/15/2015 19:54	1683.75	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
9	08/15/2015 19:55	1683.25	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
10	08/15/2015 19:56	1682.44	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
11	08/15/2015 19:57	1681.63	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
12	08/15/2015 19:58	1680.69	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
13	08/15/2015 19:59	1679.88	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
14	08/15/2015 20:00	1679.34	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
15	08/15/2015 20:01	1679.28	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
16	08/15/2015 20:02	1679.94	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
17	08/15/2015 20:03	1680.56	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
18	08/15/2015 20:04	1680.88	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
19	08/15/2015 20:05	1680.75	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
20	08/15/2015 20:06	1680.41	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
21	08/15/2015 20:07	1680.09	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
22	08/15/2015 20:08	1680.28	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
23	08/15/2015 20:09	1680.84	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
24	08/15/2015 20:10	1681.44	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
25	08/15/2015 20:11	1681.56	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
26	08/15/2015 20:12	1681.78	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
27	08/15/2015 20:13	1682.00	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
28	08/15/2015 20:14	1684.44	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
29	08/15/2015 20:15	1688.50	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
30	08/15/2015 20:16	1692.56	Malfunction ID Fan Shutdown	Completed repairs. Restart unit.	Retention	Yes	Yes
31	09/18/2015 09:16	1694.16	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Waste	Yes	Yes
32	09/18/2015 09:17	1693.78	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
33	09/18/2015 09:18	1694.19	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
		33	Total Minutes in Exceedance				
		2	Number of Events				

Temperature is Report
on a One Hour
Average

**SCC Temperature
< 1710**

SCC Temperature must be sufficient while
there is Hazardous Waste being fed or
there is Waste Retention in the kiln

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
		0	Total Minutes	

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Summary

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

Date	MAXIMUM PPM	Duration (min)	Reason	Corrective Action
Waste				
07/12/2015 16:36	34.8	75	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
07/12/2015 20:25	15.5	43	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
07/13/2015 06:54	15.5	61	Operator Error Feed Prep	Reduced charges. Restarted unit.
07/13/2015 10:49	15.1	59	Operator Error Feed Prep	Reduced charges. Restarted unit.
07/14/2015 22:14	12.9	58	Operator Error Feed Prep	Reduced charges. Restarted unit.
07/18/2015 11:11	12.8	42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
07/20/2015 08:02	20.5	60	Malfunction Lance Slagging	Cleaned lance. Restarted unit.
07/22/2015 12:59	17.0	54	Malfunction Lance Plugging	Restarted unit. Moved material to new tank.
07/22/2015 20:07	10.6	22	Malfunction Lance Plugging	Restarted unit. Moved material to new tank.
07/23/2015 12:44	13.3	54	Malfunction Lance Plugging	Restarted unit. Moved material to new tank.
07/24/2015 19:26	10.6	56	Malfunction Maintenance Procedure	Completed maintenance. Restarted unit.
07/25/2015 03:05	13.7	56	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.
07/25/2015 19:50	10.6	7	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.
07/29/2015 01:33	13.6	39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
08/01/2015 22:34	10.2	28	Operator Error Feed Mix	Reduced feeds. Restarted unit.
08/03/2015 20:53	10.2	2	Malfunction Lance Plugging	Cleaned lance. Restarted unit.
08/04/2015 02:24	16.7	57	Operator Error Feed Prep	Reduced charges. Restarted unit.
08/04/2015 03:27	12.9	19	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.
08/05/2015 07:32	17.5	60	Malfunction Prior AWFCO	Restarted unit.
08/05/2015 16:32	10.8	57	Malfunction Feed Chute Leak	Shutdown unit. Made repairs.
08/11/2015 23:32	12.8	59	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
08/12/2015 15:01	20.7	60	Operator Error Waste Inspection	Restarted unit. Re-trained chemist.
08/17/2015 18:20	10.4	3	Malfunction Lance slagging	Cleaned lance. Restarted unit.
08/18/2015 04:10	13.0	58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
08/18/2015 18:49	10.1	1	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
08/19/2015 10:51	17.3	59	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
08/19/2015 16:37	12.8	48	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
08/19/2015 20:19	15.4	59	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
09/07/2015 11:11	17.3	59	Operator Error Feed Prep	Restarted unit. Revised split instructions.
09/13/2015 21:14	12.9	59	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
09/22/2015 12:18	11.3	56	Malfunction Customer Packaging E	Restart unit. Space out feeds, Add water.
09/25/2015 13:47	12.0	58	Operator Error Feed Prep	Restart unit. Decrease charge size.
		1488	Total Minutes	
Fuels				
08/06/2015 11:25	79.9	256	Start-up	Adjust burner
09/04/2015 07:28	14.6	81	Start-up	Adjust burner
09/04/2015 12:29	53.3	97	Start-up	Adjust burner
09/04/2015 22:46	18.9	180	Start-up	Adjust burner
09/05/2015 01:54	12.2	65	Start-up	Adjust burner
		679	Total Minutes	
			Total Emissions for the Quarter	
		462	(LBS)	
		0	(Tons)	

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	07/12/2015 16:36	11.21	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
2	07/12/2015 16:37	11.76	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
3	07/12/2015 16:38	14.65	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
4	07/12/2015 16:39	16.27	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
5	07/12/2015 16:40	16.71	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
6	07/12/2015 16:41	17.85	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
7	07/12/2015 16:42	18.60	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
8	07/12/2015 16:43	18.98	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
9	07/12/2015 16:44	19.25	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
10	07/12/2015 16:45	19.77	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
11	07/12/2015 16:46	19.88	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
12	07/12/2015 16:47	20.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
13	07/12/2015 16:48	23.33	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
14	07/12/2015 16:49	24.26	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
15	07/12/2015 16:50	24.59	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
16	07/12/2015 16:51	27.88	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
17	07/12/2015 16:52	29.01	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
18	07/12/2015 16:53	29.37	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
19	07/12/2015 16:54	32.75	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
20	07/12/2015 16:55	33.93	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
21	07/12/2015 16:56	34.31	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
22	07/12/2015 16:57	34.46	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
23	07/12/2015 16:58	34.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
24	07/12/2015 16:59	34.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
25	07/12/2015 17:00	34.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
26	07/12/2015 17:01	34.79	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
27	07/12/2015 17:02	34.81	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
28	07/12/2015 17:03	34.84	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
29	07/12/2015 17:04	34.84	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
30	07/12/2015 17:05	34.84	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
31	07/12/2015 17:06	34.84	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
32	07/12/2015 17:07	34.84	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
33	07/12/2015 17:08	34.84	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
34	07/12/2015 17:09	34.84	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
35	07/12/2015 17:10	34.84	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
36	07/12/2015 17:11	34.84	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
37	07/12/2015 17:12	34.84	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
38	07/12/2015 17:13	33.99	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
39	07/12/2015 17:14	33.82	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
40	07/12/2015 17:15	33.50	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
41	07/12/2015 17:16	33.32	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
42	07/12/2015 17:17	33.26	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
43	07/12/2015 17:18	33.08	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
44	07/12/2015 17:19	32.91	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
45	07/12/2015 17:20	32.87	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
46	07/12/2015 17:21	32.60	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
47	07/12/2015 17:22	32.38	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
48	07/12/2015 17:23	32.34	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
49	07/12/2015 17:24	32.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
50	07/12/2015 17:25	31.85	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
51	07/12/2015 17:26	31.71	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
52	07/12/2015 17:27	31.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
53	07/12/2015 17:28	31.14	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
54	07/12/2015 17:29	30.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
55	07/12/2015 17:30	30.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
56	07/12/2015 17:31	29.47	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
57	07/12/2015 17:32	28.17	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
58	07/12/2015 17:33	27.71	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
59	07/12/2015 17:34	27.45	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
60	07/12/2015 17:35	25.88	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
61	07/12/2015 17:36	23.75	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
62	07/12/2015 17:37	23.20	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
63	07/12/2015 17:38	20.31	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
64	07/12/2015 17:39	18.69	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
65	07/12/2015 17:40	18.25	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
66	07/12/2015 17:41	17.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
67	07/12/2015 17:42	16.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
68	07/12/2015 17:43	15.98	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
69	07/12/2015 17:44	15.71	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: 1112054

[illegible]Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
346	07/20/2015 08:09	19.62	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
347	07/20/2015 08:10	19.70	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
348	07/20/2015 08:11	20.07	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
349	07/20/2015 08:12	20.21	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
350	07/20/2015 08:13	20.26	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
351	07/20/2015 08:14	20.27	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
352	07/20/2015 08:15	20.27	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
353	07/20/2015 08:16	20.30	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
354	07/20/2015 08:17	20.41	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
355	07/20/2015 08:18	20.44	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
356	07/20/2015 08:19	20.44	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
357	07/20/2015 08:20	20.48	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
358	07/20/2015 08:21	20.45	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
359	07/20/2015 08:22	20.41	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
360	07/20/2015 08:23	20.38	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
361	07/20/2015 08:24	20.32	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
362	07/20/2015 08:25	20.32	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
363	07/20/2015 08:26	20.32	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
364	07/20/2015 08:27	20.32	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
365	07/20/2015 08:28	20.32	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
366	07/20/2015 08:29	20.32	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
367	07/20/2015 08:30	20.32	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
368	07/20/2015 08:31	20.16	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
369	07/20/2015 08:32	20.05	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
370	07/20/2015 08:33	19.86	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
371	07/20/2015 08:34	19.72	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
372	07/20/2015 08:35	19.68	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
373	07/20/2015 08:36	19.65	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
374	07/20/2015 08:37	19.65	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
375	07/20/2015 08:38	19.65	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
376	07/20/2015 08:39	19.65	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
377	07/20/2015 08:40	19.65	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
378	07/20/2015 08:41	19.65	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
379	07/20/2015 08:42	19.59	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
380	07/20/2015 08:43	19.55	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
381	07/20/2015 08:44	19.55	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
382	07/20/2015 08:45	19.39	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
383	07/20/2015 08:46	19.20	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
384	07/20/2015 08:47	19.16	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
385	07/20/2015 08:48	18.24	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
386	07/20/2015 08:49	17.55	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
387	07/20/2015 08:50	17.37	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
388	07/20/2015 08:51	16.60	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
389	07/20/2015 08:52	16.31	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
390	07/20/2015 08:53	15.44	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
391	07/20/2015 08:54	15.16	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
392	07/20/2015 08:55	15.10	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
393	07/20/2015 08:56	15.10	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
394	07/20/2015 08:57	15.10	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
395	07/20/2015 08:58	15.07	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
396	07/20/2015 08:59	12.79	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
397	07/20/2015 09:00	12.13	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
398	07/20/2015 09:01	10.63	Malfunction Lance Slagging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
399	07/22/2015 12:59	10.15	Malfunction Lance Plugging	Restarted unit. Moved material to new	Waste	Yes	Yes
400	07/22/2015 13:00	10.49	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
401	07/22/2015 13:01	10.68	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
402	07/22/2015 13:02	13.71	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
403	07/22/2015 13:03	15.28	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
404	07/22/2015 13:04	15.73	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
405	07/22/2015 13:05	15.88	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
406	07/22/2015 13:06	15.92	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
407	07/22/2015 13:07	15.94	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
408	07/22/2015 13:08	16.02	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
409	07/22/2015 13:09	16.04	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
410	07/22/2015 13:10	16.04	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
411	07/22/2015 13:11	16.04	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
412	07/22/2015 13:12	16.04	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
413	07/22/2015 13:13	16.25	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes
414	07/22/2015 13:14	16.36	Malfunction Lance Plugging	Restarted unit. Moved material to new	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: 1112054

	Date	>10 PPM Corr	Reason		Corrective Action	Incinerator Operation	Waste In Combustion Zone?	Automatic Waste Feed Cutoff?
553	07/24/2015 19:50	10.26	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
554	07/24/2015 19:51	10.27	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
555	07/24/2015 19:52	10.28	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
556	07/24/2015 19:53	10.28	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
557	07/24/2015 19:54	10.29	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
558	07/24/2015 19:55	10.31	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
559	07/24/2015 19:56	10.31	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
560	07/24/2015 19:57	10.32	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
561	07/24/2015 19:58	10.33	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
562	07/24/2015 19:59	10.34	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
563	07/24/2015 20:00	10.36	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
564	07/24/2015 20:01	10.37	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
565	07/24/2015 20:02	10.38	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
566	07/24/2015 20:03	10.39	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
567	07/24/2015 20:04	10.40	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
568	07/24/2015 20:05	10.42	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
569	07/24/2015 20:06	10.43	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
570	07/24/2015 20:07	10.44	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
571	07/24/2015 20:08	10.46	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
572	07/24/2015 20:09	10.47	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
573	07/24/2015 20:10	10.48	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
574	07/24/2015 20:11	10.50	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
575	07/24/2015 20:12	10.51	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
576	07/24/2015 20:13	10.52	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
577	07/24/2015 20:14	10.52	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
578	07/24/2015 20:15	10.54	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
579	07/24/2015 20:16	10.55	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
580	07/24/2015 20:17	10.56	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
581	07/24/2015 20:18	10.58	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
582	07/24/2015 20:19	10.59	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
583	07/24/2015 20:20	10.61	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
584	07/24/2015 20:21	10.34	Malfunction Maintenance Procedure		Completed maintenance. Restarted ur	Retention	Yes	Yes
585	07/25/2015 03:05	10.20	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Waste	Yes	Yes
586	07/25/2015 03:06	10.77	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
587	07/25/2015 03:07	11.29	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
588	07/25/2015 03:08	11.38	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
589	07/25/2015 03:09	11.52	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
590	07/25/2015 03:10	11.97	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
591	07/25/2015 03:11	12.05	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
592	07/25/2015 03:12	12.58	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
593	07/25/2015 03:13	13.00	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
594	07/25/2015 03:14	13.05	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
595	07/25/2015 03:15	13.52	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
596	07/25/2015 03:16	13.74	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
597	07/25/2015 03:17	13.33	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
598	07/25/2015 03:18	12.82	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
599	07/25/2015 03:19	13.22	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
600	07/25/2015 03:20	13.35	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
601	07/25/2015 03:21	13.36	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
602	07/25/2015 03:22	13.44	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
603	07/25/2015 03:23	13.44	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
604	07/25/2015 03:24	13.44	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
605	07/25/2015 03:25	13.44	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
606	07/25/2015 03:26	13.44	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
607	07/25/2015 03:27	13.44	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
608	07/25/2015 03:28	13.44	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
609	07/25/2015 03:29	13.44	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
610	07/25/2015 03:30	13.67	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
611	07/25/2015 03:31	13.70	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
612	07/25/2015 03:32	13.70	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
613	07/25/2015 03:33	13.70	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
614	07/25/2015 03:34	13.70	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
615	07/25/2015 03:35	13.70	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
616	07/25/2015 03:36	13.70	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
617	07/25/2015 03:37	13.70	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
618	07/25/2015 03:38	13.70	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
619	07/25/2015 03:39	13.56	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
620	07/25/2015 03:40	13.56	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes
621	07/25/2015 03:41	13.56	Operator Error Combustion/APCD		Reduced feeds. Restarted unit.	Retention	Yes	Yes

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?	
622	07/25/2015 03:42	13.56	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
623	07/25/2015 03:43	13.56	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
624	07/25/2015 03:44	13.56	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
625	07/25/2015 03:45	13.56	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
626	07/25/2015 03:46	13.56	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
627	07/25/2015 03:47	13.56	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
628	07/25/2015 03:48	13.56	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
629	07/25/2015 03:49	13.56	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
630	07/25/2015 03:50	12.63	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
631	07/25/2015 03:51	11.54	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
632	07/25/2015 03:52	11.29	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
633	07/25/2015 03:53	11.07	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
634	07/25/2015 03:54	10.98	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
635	07/25/2015 03:55	10.88	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
636	07/25/2015 03:56	10.72	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
637	07/25/2015 03:57	10.72	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
638	07/25/2015 03:58	10.72	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
639	07/25/2015 03:59	10.72	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
640	07/25/2015 04:00	10.72	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
641	07/25/2015 19:50	10.05	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Waste	Yes	Yes	
642	07/25/2015 19:51	10.32	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
643	07/25/2015 19:52	10.57	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
644	07/25/2015 19:53	10.55	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
645	07/25/2015 19:54	10.52	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
646	07/25/2015 19:55	10.52	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
647	07/25/2015 19:56	10.06	Operator Error Combustion/APCD	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
648	07/29/2015 01:33	11.60	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes	
649	07/29/2015 01:34	13.10	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
650	07/29/2015 01:35	13.52	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
651	07/29/2015 01:36	13.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
652	07/29/2015 01:37	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
653	07/29/2015 01:38	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
654	07/29/2015 01:39	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
655	07/29/2015 01:40	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
656	07/29/2015 01:41	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
657	07/29/2015 01:42	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
658	07/29/2015 01:43	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
659	07/29/2015 01:44	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
660	07/29/2015 01:45	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
661	07/29/2015 01:46	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
662	07/29/2015 01:47	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
663	07/29/2015 01:48	13.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
664	07/29/2015 01:49	13.29	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
665	07/29/2015 01:50	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
666	07/29/2015 01:51	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
667	07/29/2015 01:52	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
668	07/29/2015 01:53	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
669	07/29/2015 01:54	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
670	07/29/2015 01:55	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
671	07/29/2015 01:56	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
672	07/29/2015 01:57	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
673	07/29/2015 01:58	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
674	07/29/2015 01:59	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
675	07/29/2015 02:00	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
676	07/29/2015 02:01	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
677	07/29/2015 02:02	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
678	07/29/2015 02:03	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
679	07/29/2015 02:04	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
680	07/29/2015 02:05	13.11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
681	07/29/2015 02:06	13.07	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
682	07/29/2015 02:07	13.07	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
683	07/29/2015 02:08	13.07	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
684	07/29/2015 02:09	13.07	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
685	07/29/2015 02:10	13.07	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
686	07/29/2015 02:11	13.07	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes	
687	08/01/2015 22:34	10.15	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Waste	Yes	Yes	
688	08/01/2015 22:35	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Waste	Yes	Yes	
689	08/01/2015 22:36	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes	
690	08/01/2015 22:37	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes	

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
691	08/01/2015 22:38	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
692	08/01/2015 22:39	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
693	08/01/2015 22:40	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
694	08/01/2015 22:41	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
695	08/01/2015 22:42	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
696	08/01/2015 22:43	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
697	08/01/2015 22:44	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
698	08/01/2015 22:45	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
699	08/01/2015 22:46	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
700	08/01/2015 22:47	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
701	08/01/2015 22:48	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
702	08/01/2015 22:49	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
703	08/01/2015 22:50	10.23	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
704	08/01/2015 22:51	10.19	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
705	08/01/2015 22:52	10.14	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
706	08/01/2015 22:53	10.14	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
707	08/01/2015 22:54	10.14	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
708	08/01/2015 22:55	10.14	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
709	08/01/2015 22:56	10.14	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
710	08/01/2015 22:57	10.14	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
711	08/01/2015 22:58	10.14	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
712	08/01/2015 22:59	10.14	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
713	08/01/2015 23:00	10.14	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
714	08/01/2015 23:01	10.14	Operator Error Feed Mix	Reduced feeds. Restarted unit.	Retention	Yes	Yes
715	08/03/2015 20:53	10.17	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Waste	Yes	Yes
716	08/03/2015 20:54	10.23	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
717	08/04/2015 02:24	10.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
718	08/04/2015 02:25	11.61	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
719	08/04/2015 02:26	12.00	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
720	08/04/2015 02:27	12.05	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
721	08/04/2015 02:28	12.05	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
722	08/04/2015 02:29	12.05	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
723	08/04/2015 02:30	12.05	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
724	08/04/2015 02:31	12.05	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
725	08/04/2015 02:32	12.05	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
726	08/04/2015 02:33	12.05	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
727	08/04/2015 02:34	12.69	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
728	08/04/2015 02:35	13.55	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
729	08/04/2015 02:36	13.75	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
730	08/04/2015 02:37	13.91	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
731	08/04/2015 02:38	13.92	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
732	08/04/2015 02:39	13.92	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
733	08/04/2015 02:40	13.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
734	08/04/2015 02:41	13.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
735	08/04/2015 02:42	14.25	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
736	08/04/2015 02:43	14.51	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
737	08/04/2015 02:44	14.79	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
738	08/04/2015 02:45	14.83	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
739	08/04/2015 02:46	15.06	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
740	08/04/2015 02:47	15.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
741	08/04/2015 02:48	15.27	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
742	08/04/2015 02:49	15.49	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
743	08/04/2015 02:50	16.43	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
744	08/04/2015 02:51	16.69	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
745	08/04/2015 02:52	16.45	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
746	08/04/2015 02:53	15.69	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
747	08/04/2015 02:54	15.25	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
748	08/04/2015 02:55	15.13	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
749	08/04/2015 02:56	15.13	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
750	08/04/2015 02:57	15.13	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
751	08/04/2015 02:58	15.08	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
752	08/04/2015 02:59	15.08	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
753	08/04/2015 03:00	15.08	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
754	08/04/2015 03:01	15.08	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
755	08/04/2015 03:02	15.08	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
756	08/04/2015 03:03	15.08	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
757	08/04/2015 03:04	15.08	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
758	08/04/2015 03:05	15.08	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
759	08/04/2015 03:06	14.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
760	08/04/2015 03:07	14.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
761	08/04/2015 03:08	14.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
762	08/04/2015 03:09	14.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
763	08/04/2015 03:10	14.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
764	08/04/2015 03:11	14.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
765	08/04/2015 03:12	14.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
766	08/04/2015 03:13	14.18	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
767	08/04/2015 03:14	13.90	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
768	08/04/2015 03:15	13.89	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
769	08/04/2015 03:16	12.65	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
770	08/04/2015 03:17	12.24	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
771	08/04/2015 03:18	11.90	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
772	08/04/2015 03:19	10.41	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
773	08/04/2015 03:20	10.05	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
774	08/04/2015 03:27	11.64	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
775	08/04/2015 03:28	12.42	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
776	08/04/2015 03:29	12.80	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
777	08/04/2015 03:30	12.94	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
778	08/04/2015 03:31	12.95	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
779	08/04/2015 03:32	12.95	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
780	08/04/2015 03:33	12.95	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
781	08/04/2015 03:34	12.30	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
782	08/04/2015 03:35	11.45	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
783	08/04/2015 03:36	11.24	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
784	08/04/2015 03:37	11.09	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
785	08/04/2015 03:38	11.07	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
786	08/04/2015 03:39	11.07	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
787	08/04/2015 03:40	11.05	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
788	08/04/2015 03:41	11.05	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
789	08/04/2015 03:42	10.75	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
790	08/04/2015 03:43	10.48	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
791	08/04/2015 03:44	10.20	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
792	08/04/2015 03:45	10.16	Operator Error Combustion/APCD	Restarted unit. Re-trained operator.	Retention	Yes	Yes
793	08/05/2015 07:32	12.82	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
794	08/05/2015 07:33	16.04	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
795	08/05/2015 07:34	17.13	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
796	08/05/2015 07:35	17.45	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
797	08/05/2015 07:36	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
798	08/05/2015 07:37	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
799	08/05/2015 07:38	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
800	08/05/2015 07:39	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
801	08/05/2015 07:40	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
802	08/05/2015 07:41	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
803	08/05/2015 07:42	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
804	08/05/2015 07:43	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
805	08/05/2015 07:44	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
806	08/05/2015 07:45	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
807	08/05/2015 07:46	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
808	08/05/2015 07:47	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
809	08/05/2015 07:48	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
810	08/05/2015 07:49	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
811	08/05/2015 07:50	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
812	08/05/2015 07:51	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
813	08/05/2015 07:52	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
814	08/05/2015 07:53	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
815	08/05/2015 07:54	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
816	08/05/2015 07:55	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
817	08/05/2015 07:56	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
818	08/05/2015 07:57	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
819	08/05/2015 07:58	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
820	08/05/2015 07:59	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
821	08/05/2015 08:00	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
822	08/05/2015 08:01	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
823	08/05/2015 08:02	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
824	08/05/2015 08:03	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
825	08/05/2015 08:04	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
826	08/05/2015 08:05	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
827	08/05/2015 08:06	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes
828	08/05/2015 08:07	17.48	Malfunction Prior AWFCO	Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
3rd Quarter 2015

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

[illegible]Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Waste

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1450	09/25/2015 14:06	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1451	09/25/2015 14:07	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1452	09/25/2015 14:08	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1453	09/25/2015 14:09	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1454	09/25/2015 14:10	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1455	09/25/2015 14:11	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1456	09/25/2015 14:12	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1457	09/25/2015 14:13	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1458	09/25/2015 14:14	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1459	09/25/2015 14:15	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1460	09/25/2015 14:16	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1461	09/25/2015 14:17	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1462	09/25/2015 14:18	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1463	09/25/2015 14:19	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1464	09/25/2015 14:20	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1465	09/25/2015 14:21	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1466	09/25/2015 14:22	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1467	09/25/2015 14:23	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1468	09/25/2015 14:24	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1469	09/25/2015 14:25	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1470	09/25/2015 14:26	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1471	09/25/2015 14:27	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1472	09/25/2015 14:28	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1473	09/25/2015 14:29	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1474	09/25/2015 14:30	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1475	09/25/2015 14:31	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1476	09/25/2015 14:32	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1477	09/25/2015 14:33	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1478	09/25/2015 14:34	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1479	09/25/2015 14:35	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1480	09/25/2015 14:36	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1481	09/25/2015 14:37	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1482	09/25/2015 14:38	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1483	09/25/2015 14:39	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1484	09/25/2015 14:40	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1485	09/25/2015 14:41	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1486	09/25/2015 14:42	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1487	09/25/2015 14:43	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
1488	09/25/2015 14:44	11.99	Operator Error Feed Prep	Restart unit. Decrease charge size.	Retention	Yes	Yes
		1488	Total Minutes in Exceedance				
		32	Number of Events				
			Total Emissions for the Quarter				
		462	(LBS)				
		0.23	(Tons)				

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	08/06/2015 11:25	63.02	Start-up	Adjust burner	Fuels	No	No
2	08/06/2015 11:26	63.58	Start-up	Adjust burner	Fuels	No	No
3	08/06/2015 11:27	64.73	Start-up	Adjust burner	Fuels	No	No
4	08/06/2015 11:28	65.98	Start-up	Adjust burner	Fuels	No	No
5	08/06/2015 11:29	67.88	Start-up	Adjust burner	Fuels	No	No
6	08/06/2015 11:30	70.21	Start-up	Adjust burner	Fuels	No	No
7	08/06/2015 11:31	72.41	Start-up	Adjust burner	Fuels	No	No
8	08/06/2015 11:32	74.10	Start-up	Adjust burner	Fuels	No	No
9	08/06/2015 11:33	75.33	Start-up	Adjust burner	Fuels	No	No
10	08/06/2015 11:34	76.32	Start-up	Adjust burner	Fuels	No	No
11	08/06/2015 11:35	77.13	Start-up	Adjust burner	Fuels	No	No
12	08/06/2015 11:36	77.77	Start-up	Adjust burner	Fuels	No	No
13	08/06/2015 11:37	78.39	Start-up	Adjust burner	Fuels	No	No
14	08/06/2015 11:38	79.06	Start-up	Adjust burner	Fuels	No	No
15	08/06/2015 11:39	79.62	Start-up	Adjust burner	Fuels	No	No
16	08/06/2015 11:40	79.93	Start-up	Adjust burner	Fuels	No	No
17	08/06/2015 11:41	79.95	Start-up	Adjust burner	Fuels	No	No
18	08/06/2015 11:42	79.82	Start-up	Adjust burner	Fuels	No	No
19	08/06/2015 11:43	79.63	Start-up	Adjust burner	Fuels	No	No
20	08/06/2015 11:44	79.50	Start-up	Adjust burner	Fuels	No	No
21	08/06/2015 11:45	79.33	Start-up	Adjust burner	Fuels	No	No
22	08/06/2015 11:46	79.09	Start-up	Adjust burner	Fuels	No	No
23	08/06/2015 11:47	78.81	Start-up	Adjust burner	Fuels	No	No
24	08/06/2015 11:48	78.46	Start-up	Adjust burner	Fuels	No	No
25	08/06/2015 11:49	78.04	Start-up	Adjust burner	Fuels	No	No
26	08/06/2015 11:50	77.56	Start-up	Adjust burner	Fuels	No	No
27	08/06/2015 11:51	77.05	Start-up	Adjust burner	Fuels	No	No
28	08/06/2015 11:52	76.52	Start-up	Adjust burner	Fuels	No	No
29	08/06/2015 11:53	76.01	Start-up	Adjust burner	Fuels	No	No
30	08/06/2015 11:54	75.49	Start-up	Adjust burner	Fuels	No	No
31	08/06/2015 11:55	74.96	Start-up	Adjust burner	Fuels	No	No
32	08/06/2015 11:56	74.43	Start-up	Adjust burner	Fuels	No	No
33	08/06/2015 11:57	73.88	Start-up	Adjust burner	Fuels	No	No
34	08/06/2015 11:58	73.30	Start-up	Adjust burner	Fuels	No	No
35	08/06/2015 11:59	72.72	Start-up	Adjust burner	Fuels	No	No
36	08/06/2015 12:00	72.15	Start-up	Adjust burner	Fuels	No	No
37	08/06/2015 12:01	71.56	Start-up	Adjust burner	Fuels	No	No
38	08/06/2015 12:02	70.96	Start-up	Adjust burner	Fuels	No	No
39	08/06/2015 12:03	70.35	Start-up	Adjust burner	Fuels	No	No
40	08/06/2015 12:04	69.73	Start-up	Adjust burner	Fuels	No	No
41	08/06/2015 12:05	69.10	Start-up	Adjust burner	Fuels	No	No
42	08/06/2015 12:06	68.47	Start-up	Adjust burner	Fuels	No	No
43	08/06/2015 12:07	67.85	Start-up	Adjust burner	Fuels	No	No
44	08/06/2015 12:08	67.24	Start-up	Adjust burner	Fuels	No	No
45	08/06/2015 12:09	66.63	Start-up	Adjust burner	Fuels	No	No
46	08/06/2015 12:10	66.03	Start-up	Adjust burner	Fuels	No	No
47	08/06/2015 12:11	65.43	Start-up	Adjust burner	Fuels	No	No
48	08/06/2015 12:12	64.83	Start-up	Adjust burner	Fuels	No	No
49	08/06/2015 12:13	64.26	Start-up	Adjust burner	Fuels	No	No
50	08/06/2015 12:14	63.70	Start-up	Adjust burner	Fuels	No	No
51	08/06/2015 12:15	63.15	Start-up	Adjust burner	Fuels	No	No
52	08/06/2015 12:16	62.63	Start-up	Adjust burner	Fuels	No	No
53	08/06/2015 12:17	62.12	Start-up	Adjust burner	Fuels	No	No
54	08/06/2015 12:18	61.61	Start-up	Adjust burner	Fuels	No	No
55	08/06/2015 12:19	61.13	Start-up	Adjust burner	Fuels	No	No
56	08/06/2015 12:20	60.65	Start-up	Adjust burner	Fuels	No	No
57	08/06/2015 12:21	60.19	Start-up	Adjust burner	Fuels	No	No
58	08/06/2015 12:22	59.74	Start-up	Adjust burner	Fuels	No	No
59	08/06/2015 12:23	59.30	Start-up	Adjust burner	Fuels	No	No
60	08/06/2015 12:24	58.89	Start-up	Adjust burner	Fuels	No	No
61	08/06/2015 12:25	58.42	Start-up	Adjust burner	Fuels	No	No
62	08/06/2015 12:26	57.93	Start-up	Adjust burner	Fuels	No	No
63	08/06/2015 12:27	57.40	Start-up	Adjust burner	Fuels	No	No
64	08/06/2015 12:28	56.82	Start-up	Adjust burner	Fuels	No	No
65	08/06/2015 12:29	56.15	Start-up	Adjust burner	Fuels	No	No
66	08/06/2015 12:30	55.35	Start-up	Adjust burner	Fuels	No	No
67	08/06/2015 12:31	54.48	Start-up	Adjust burner	Fuels	No	No
68	08/06/2015 12:32	53.60	Start-up	Adjust burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
69	08/06/2015 12:33	52.73	Start-up	Adjust burner	Fuels	No	No
70	08/06/2015 12:34	51.86	Start-up	Adjust burner	Fuels	No	No
71	08/06/2015 12:35	51.00	Start-up	Adjust burner	Fuels	No	No
72	08/06/2015 12:36	50.14	Start-up	Adjust burner	Fuels	No	No
73	08/06/2015 12:37	49.27	Start-up	Adjust burner	Fuels	No	No
74	08/06/2015 12:38	48.35	Start-up	Adjust burner	Fuels	No	No
75	08/06/2015 12:39	47.44	Start-up	Adjust burner	Fuels	No	No
76	08/06/2015 12:40	46.56	Start-up	Adjust burner	Fuels	No	No
77	08/06/2015 12:41	45.74	Start-up	Adjust burner	Fuels	No	No
78	08/06/2015 12:42	44.97	Start-up	Adjust burner	Fuels	No	No
79	08/06/2015 12:43	44.21	Start-up	Adjust burner	Fuels	No	No
80	08/06/2015 12:44	43.44	Start-up	Adjust burner	Fuels	No	No
81	08/06/2015 12:45	42.70	Start-up	Adjust burner	Fuels	No	No
82	08/06/2015 12:46	41.98	Start-up	Adjust burner	Fuels	No	No
83	08/06/2015 12:47	41.29	Start-up	Adjust burner	Fuels	No	No
84	08/06/2015 12:48	40.63	Start-up	Adjust burner	Fuels	No	No
85	08/06/2015 12:49	40.01	Start-up	Adjust burner	Fuels	No	No
86	08/06/2015 12:50	39.43	Start-up	Adjust burner	Fuels	No	No
87	08/06/2015 12:51	38.86	Start-up	Adjust burner	Fuels	No	No
88	08/06/2015 12:52	38.32	Start-up	Adjust burner	Fuels	No	No
89	08/06/2015 12:53	37.78	Start-up	Adjust burner	Fuels	No	No
90	08/06/2015 12:54	37.27	Start-up	Adjust burner	Fuels	No	No
91	08/06/2015 12:55	36.78	Start-up	Adjust burner	Fuels	No	No
92	08/06/2015 12:56	36.31	Start-up	Adjust burner	Fuels	No	No
93	08/06/2015 12:57	35.87	Start-up	Adjust burner	Fuels	No	No
94	08/06/2015 12:58	35.45	Start-up	Adjust burner	Fuels	No	No
95	08/06/2015 12:59	35.04	Start-up	Adjust burner	Fuels	No	No
96	08/06/2015 13:00	34.64	Start-up	Adjust burner	Fuels	No	No
97	08/06/2015 13:01	34.26	Start-up	Adjust burner	Fuels	No	No
98	08/06/2015 13:02	33.91	Start-up	Adjust burner	Fuels	No	No
99	08/06/2015 13:03	33.57	Start-up	Adjust burner	Fuels	No	No
100	08/06/2015 13:04	33.28	Start-up	Adjust burner	Fuels	No	No
101	08/06/2015 13:05	33.01	Start-up	Adjust burner	Fuels	No	No
102	08/06/2015 13:06	32.77	Start-up	Adjust burner	Fuels	No	No
103	08/06/2015 13:07	32.54	Start-up	Adjust burner	Fuels	No	No
104	08/06/2015 13:08	32.31	Start-up	Adjust burner	Fuels	No	No
105	08/06/2015 13:09	32.10	Start-up	Adjust burner	Fuels	No	No
106	08/06/2015 13:10	31.91	Start-up	Adjust burner	Fuels	No	No
107	08/06/2015 13:11	31.73	Start-up	Adjust burner	Fuels	No	No
108	08/06/2015 13:12	31.56	Start-up	Adjust burner	Fuels	No	No
109	08/06/2015 13:13	31.38	Start-up	Adjust burner	Fuels	No	No
110	08/06/2015 13:14	31.20	Start-up	Adjust burner	Fuels	No	No
111	08/06/2015 13:15	31.03	Start-up	Adjust burner	Fuels	No	No
112	08/06/2015 13:16	30.88	Start-up	Adjust burner	Fuels	No	No
113	08/06/2015 13:17	30.72	Start-up	Adjust burner	Fuels	No	No
114	08/06/2015 13:18	30.57	Start-up	Adjust burner	Fuels	No	No
115	08/06/2015 13:19	30.42	Start-up	Adjust burner	Fuels	No	No
116	08/06/2015 13:20	30.26	Start-up	Adjust burner	Fuels	No	No
117	08/06/2015 13:21	30.10	Start-up	Adjust burner	Fuels	No	No
118	08/06/2015 13:22	29.94	Start-up	Adjust burner	Fuels	No	No
119	08/06/2015 13:23	29.77	Start-up	Adjust burner	Fuels	No	No
120	08/06/2015 13:24	29.60	Start-up	Adjust burner	Fuels	No	No
121	08/06/2015 13:25	29.43	Start-up	Adjust burner	Fuels	No	No
122	08/06/2015 13:26	29.27	Start-up	Adjust burner	Fuels	No	No
123	08/06/2015 13:27	29.09	Start-up	Adjust burner	Fuels	No	No
124	08/06/2015 13:28	28.92	Start-up	Adjust burner	Fuels	No	No
125	08/06/2015 13:29	28.74	Start-up	Adjust burner	Fuels	No	No
126	08/06/2015 13:30	28.57	Start-up	Adjust burner	Fuels	No	No
127	08/06/2015 13:31	28.41	Start-up	Adjust burner	Fuels	No	No
128	08/06/2015 13:32	28.24	Start-up	Adjust burner	Fuels	No	No
129	08/06/2015 13:33	28.08	Start-up	Adjust burner	Fuels	No	No
130	08/06/2015 13:34	27.92	Start-up	Adjust burner	Fuels	No	No
131	08/06/2015 13:35	27.75	Start-up	Adjust burner	Fuels	No	No
132	08/06/2015 13:36	27.58	Start-up	Adjust burner	Fuels	No	No
133	08/06/2015 13:37	27.42	Start-up	Adjust burner	Fuels	No	No
134	08/06/2015 13:38	27.27	Start-up	Adjust burner	Fuels	No	No
135	08/06/2015 13:39	27.14	Start-up	Adjust burner	Fuels	No	No
136	08/06/2015 13:40	27.02	Start-up	Adjust burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
137	08/06/2015 13:41	26.89	Start-up	Adjust burner	Fuels	No	No
138	08/06/2015 13:42	26.76	Start-up	Adjust burner	Fuels	No	No
139	08/06/2015 13:43	26.63	Start-up	Adjust burner	Fuels	No	No
140	08/06/2015 13:44	26.48	Start-up	Adjust burner	Fuels	No	No
141	08/06/2015 13:45	26.35	Start-up	Adjust burner	Fuels	No	No
142	08/06/2015 13:46	26.21	Start-up	Adjust burner	Fuels	No	No
143	08/06/2015 13:47	26.08	Start-up	Adjust burner	Fuels	No	No
144	08/06/2015 13:48	25.94	Start-up	Adjust burner	Fuels	No	No
145	08/06/2015 13:49	25.79	Start-up	Adjust burner	Fuels	No	No
146	08/06/2015 13:50	25.64	Start-up	Adjust burner	Fuels	No	No
147	08/06/2015 13:51	25.50	Start-up	Adjust burner	Fuels	No	No
148	08/06/2015 13:52	25.36	Start-up	Adjust burner	Fuels	No	No
149	08/06/2015 13:53	25.22	Start-up	Adjust burner	Fuels	No	No
150	08/06/2015 13:54	25.08	Start-up	Adjust burner	Fuels	No	No
151	08/06/2015 13:55	24.93	Start-up	Adjust burner	Fuels	No	No
152	08/06/2015 13:56	24.80	Start-up	Adjust burner	Fuels	No	No
153	08/06/2015 13:57	24.68	Start-up	Adjust burner	Fuels	No	No
154	08/06/2015 13:58	24.58	Start-up	Adjust burner	Fuels	No	No
155	08/06/2015 13:59	24.49	Start-up	Adjust burner	Fuels	No	No
156	08/06/2015 14:00	24.39	Start-up	Adjust burner	Fuels	No	No
157	08/06/2015 14:01	24.28	Start-up	Adjust burner	Fuels	No	No
158	08/06/2015 14:02	24.18	Start-up	Adjust burner	Fuels	No	No
159	08/06/2015 14:03	24.06	Start-up	Adjust burner	Fuels	No	No
160	08/06/2015 14:04	23.93	Start-up	Adjust burner	Fuels	No	No
161	08/06/2015 14:05	23.79	Start-up	Adjust burner	Fuels	No	No
162	08/06/2015 14:06	23.66	Start-up	Adjust burner	Fuels	No	No
163	08/06/2015 14:07	23.55	Start-up	Adjust burner	Fuels	No	No
164	08/06/2015 14:08	23.45	Start-up	Adjust burner	Fuels	No	No
165	08/06/2015 14:09	23.34	Start-up	Adjust burner	Fuels	No	No
166	08/06/2015 14:10	23.21	Start-up	Adjust burner	Fuels	No	No
167	08/06/2015 14:11	23.10	Start-up	Adjust burner	Fuels	No	No
168	08/06/2015 14:12	22.99	Start-up	Adjust burner	Fuels	No	No
169	08/06/2015 14:13	22.90	Start-up	Adjust burner	Fuels	No	No
170	08/06/2015 14:14	22.80	Start-up	Adjust burner	Fuels	No	No
171	08/06/2015 14:15	22.70	Start-up	Adjust burner	Fuels	No	No
172	08/06/2015 14:16	22.61	Start-up	Adjust burner	Fuels	No	No
173	08/06/2015 14:17	22.52	Start-up	Adjust burner	Fuels	No	No
174	08/06/2015 14:18	22.44	Start-up	Adjust burner	Fuels	No	No
175	08/06/2015 14:19	22.37	Start-up	Adjust burner	Fuels	No	No
176	08/06/2015 14:20	22.29	Start-up	Adjust burner	Fuels	No	No
177	08/06/2015 14:21	22.19	Start-up	Adjust burner	Fuels	No	No
178	08/06/2015 14:22	22.10	Start-up	Adjust burner	Fuels	No	No
179	08/06/2015 14:23	22.00	Start-up	Adjust burner	Fuels	No	No
180	08/06/2015 14:24	21.89	Start-up	Adjust burner	Fuels	No	No
181	08/06/2015 14:25	21.77	Start-up	Adjust burner	Fuels	No	No
182	08/06/2015 14:26	21.64	Start-up	Adjust burner	Fuels	No	No
183	08/06/2015 14:27	21.53	Start-up	Adjust burner	Fuels	No	No
184	08/06/2015 14:28	21.44	Start-up	Adjust burner	Fuels	No	No
185	08/06/2015 14:29	21.37	Start-up	Adjust burner	Fuels	No	No
186	08/06/2015 14:30	21.28	Start-up	Adjust burner	Fuels	No	No
187	08/06/2015 14:31	21.19	Start-up	Adjust burner	Fuels	No	No
188	08/06/2015 14:32	21.17	Start-up	Adjust burner	Fuels	No	No
189	08/06/2015 14:33	21.19	Start-up	Adjust burner	Fuels	No	No
190	08/06/2015 14:34	21.21	Start-up	Adjust burner	Fuels	No	No
191	08/06/2015 14:35	21.22	Start-up	Adjust burner	Fuels	No	No
192	08/06/2015 14:36	21.25	Start-up	Adjust burner	Fuels	No	No
193	08/06/2015 14:37	21.31	Start-up	Adjust burner	Fuels	No	No
194	08/06/2015 14:38	21.38	Start-up	Adjust burner	Fuels	No	No
195	08/06/2015 14:39	21.45	Start-up	Adjust burner	Fuels	No	No
196	08/06/2015 14:40	21.50	Start-up	Adjust burner	Fuels	No	No
197	08/06/2015 14:41	21.51	Start-up	Adjust burner	Fuels	No	No
198	08/06/2015 14:42	21.49	Start-up	Adjust burner	Fuels	No	No
199	08/06/2015 14:43	21.47	Start-up	Adjust burner	Fuels	No	No
200	08/06/2015 14:44	21.44	Start-up	Adjust burner	Fuels	No	No
201	08/06/2015 14:45	21.38	Start-up	Adjust burner	Fuels	No	No
202	08/06/2015 14:46	21.32	Start-up	Adjust burner	Fuels	No	No
203	08/06/2015 14:47	21.29	Start-up	Adjust burner	Fuels	No	No
204	08/06/2015 14:48	21.36	Start-up	Adjust burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
205	08/06/2015 14:49	21.48	Start-up	Adjust burner	Fuels	No	No
206	08/06/2015 14:50	21.64	Start-up	Adjust burner	Fuels	No	No
207	08/06/2015 14:51	21.71	Start-up	Adjust burner	Fuels	No	No
208	08/06/2015 14:52	21.72	Start-up	Adjust burner	Fuels	No	No
209	08/06/2015 14:53	21.73	Start-up	Adjust burner	Fuels	No	No
210	08/06/2015 14:54	21.74	Start-up	Adjust burner	Fuels	No	No
211	08/06/2015 14:55	21.80	Start-up	Adjust burner	Fuels	No	No
212	08/06/2015 14:56	21.89	Start-up	Adjust burner	Fuels	No	No
213	08/06/2015 14:57	22.04	Start-up	Adjust burner	Fuels	No	No
214	08/06/2015 14:58	22.27	Start-up	Adjust burner	Fuels	No	No
215	08/06/2015 14:59	22.48	Start-up	Adjust burner	Fuels	No	No
216	08/06/2015 15:00	22.63	Start-up	Adjust burner	Fuels	No	No
217	08/06/2015 15:01	22.37	Start-up	Adjust burner	Fuels	No	No
218	08/06/2015 15:02	22.07	Start-up	Adjust burner	Fuels	No	No
219	08/06/2015 15:03	21.78	Start-up	Adjust burner	Fuels	No	No
220	08/06/2015 15:04	21.48	Start-up	Adjust burner	Fuels	No	No
221	08/06/2015 15:05	21.20	Start-up	Adjust burner	Fuels	No	No
222	08/06/2015 15:06	20.90	Start-up	Adjust burner	Fuels	No	No
223	08/06/2015 15:07	20.59	Start-up	Adjust burner	Fuels	No	No
224	08/06/2015 15:08	20.27	Start-up	Adjust burner	Fuels	No	No
225	08/06/2015 15:09	19.97	Start-up	Adjust burner	Fuels	No	No
226	08/06/2015 15:10	19.67	Start-up	Adjust burner	Fuels	No	No
227	08/06/2015 15:11	19.37	Start-up	Adjust burner	Fuels	No	No
228	08/06/2015 15:12	19.08	Start-up	Adjust burner	Fuels	No	No
229	08/06/2015 15:13	18.78	Start-up	Adjust burner	Fuels	No	No
230	08/06/2015 15:14	18.48	Start-up	Adjust burner	Fuels	No	No
231	08/06/2015 15:15	18.19	Start-up	Adjust burner	Fuels	No	No
232	08/06/2015 15:16	17.89	Start-up	Adjust burner	Fuels	No	No
233	08/06/2015 15:17	17.58	Start-up	Adjust burner	Fuels	No	No
234	08/06/2015 15:18	17.26	Start-up	Adjust burner	Fuels	No	No
235	08/06/2015 15:19	16.95	Start-up	Adjust burner	Fuels	No	No
236	08/06/2015 15:20	16.66	Start-up	Adjust burner	Fuels	No	No
237	08/06/2015 15:21	16.37	Start-up	Adjust burner	Fuels	No	No
238	08/06/2015 15:22	16.10	Start-up	Adjust burner	Fuels	No	No
239	08/06/2015 15:23	15.83	Start-up	Adjust burner	Fuels	No	No
240	08/06/2015 15:24	15.57	Start-up	Adjust burner	Fuels	No	No
241	08/06/2015 15:25	15.32	Start-up	Adjust burner	Fuels	No	No
242	08/06/2015 15:26	15.07	Start-up	Adjust burner	Fuels	No	No
243	08/06/2015 15:27	14.80	Start-up	Adjust burner	Fuels	No	No
244	08/06/2015 15:28	14.52	Start-up	Adjust burner	Fuels	No	No
245	08/06/2015 15:29	14.23	Start-up	Adjust burner	Fuels	No	No
246	08/06/2015 15:30	13.95	Start-up	Adjust burner	Fuels	No	No
247	08/06/2015 15:31	13.69	Start-up	Adjust burner	Fuels	No	No
248	08/06/2015 15:32	13.36	Start-up	Adjust burner	Fuels	No	No
249	08/06/2015 15:33	12.99	Start-up	Adjust burner	Fuels	No	No
250	08/06/2015 15:34	12.62	Start-up	Adjust burner	Fuels	No	No
251	08/06/2015 15:35	12.26	Start-up	Adjust burner	Fuels	No	No
252	08/06/2015 15:36	11.87	Start-up	Adjust burner	Fuels	No	No
253	08/06/2015 15:37	11.45	Start-up	Adjust burner	Fuels	No	No
254	08/06/2015 15:38	11.03	Start-up	Adjust burner	Fuels	No	No
255	08/06/2015 15:39	10.58	Start-up	Adjust burner	Fuels	No	No
256	08/06/2015 15:40	10.16	Start-up	Adjust burner	Fuels	No	No
257	09/04/2015 07:28	10.04	Start-up	Adjust burner	Fuels	No	No
258	09/04/2015 07:29	10.32	Start-up	Adjust burner	Fuels	No	No
259	09/04/2015 07:30	10.69	Start-up	Adjust burner	Fuels	No	No
260	09/04/2015 07:31	11.19	Start-up	Adjust burner	Fuels	No	No
261	09/04/2015 07:32	11.78	Start-up	Adjust burner	Fuels	No	No
262	09/04/2015 07:33	12.41	Start-up	Adjust burner	Fuels	No	No
263	09/04/2015 07:34	12.94	Start-up	Adjust burner	Fuels	No	No
264	09/04/2015 07:35	13.37	Start-up	Adjust burner	Fuels	No	No
265	09/04/2015 07:36	13.73	Start-up	Adjust burner	Fuels	No	No
266	09/04/2015 07:37	14.03	Start-up	Adjust burner	Fuels	No	No
267	09/04/2015 07:38	14.33	Start-up	Adjust burner	Fuels	No	No
268	09/04/2015 07:39	14.50	Start-up	Adjust burner	Fuels	No	No
269	09/04/2015 07:40	14.56	Start-up	Adjust burner	Fuels	No	No
270	09/04/2015 07:41	14.55	Start-up	Adjust burner	Fuels	No	No
271	09/04/2015 07:42	14.51	Start-up	Adjust burner	Fuels	No	No
272	09/04/2015 07:43	14.44	Start-up	Adjust burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
273	09/04/2015 07:44	14.37	Start-up	Adjust burner	Fuels	No	No
274	09/04/2015 07:45	14.39	Start-up	Adjust burner	Fuels	No	No
275	09/04/2015 07:46	14.44	Start-up	Adjust burner	Fuels	No	No
276	09/04/2015 07:47	14.49	Start-up	Adjust burner	Fuels	No	No
277	09/04/2015 07:48	14.53	Start-up	Adjust burner	Fuels	No	No
278	09/04/2015 07:49	14.55	Start-up	Adjust burner	Fuels	No	No
279	09/04/2015 07:50	14.55	Start-up	Adjust burner	Fuels	No	No
280	09/04/2015 07:51	14.53	Start-up	Adjust burner	Fuels	No	No
281	09/04/2015 07:52	14.50	Start-up	Adjust burner	Fuels	No	No
282	09/04/2015 07:53	14.46	Start-up	Adjust burner	Fuels	No	No
283	09/04/2015 07:54	14.41	Start-up	Adjust burner	Fuels	No	No
284	09/04/2015 07:55	14.37	Start-up	Adjust burner	Fuels	No	No
285	09/04/2015 07:56	14.33	Start-up	Adjust burner	Fuels	No	No
286	09/04/2015 07:57	14.28	Start-up	Adjust burner	Fuels	No	No
287	09/04/2015 07:58	14.22	Start-up	Adjust burner	Fuels	No	No
288	09/04/2015 07:59	14.17	Start-up	Adjust burner	Fuels	No	No
289	09/04/2015 08:00	14.13	Start-up	Adjust burner	Fuels	No	No
290	09/04/2015 08:01	14.09	Start-up	Adjust burner	Fuels	No	No
291	09/04/2015 08:02	14.04	Start-up	Adjust burner	Fuels	No	No
292	09/04/2015 08:03	13.98	Start-up	Adjust burner	Fuels	No	No
293	09/04/2015 08:04	13.91	Start-up	Adjust burner	Fuels	No	No
294	09/04/2015 08:05	13.84	Start-up	Adjust burner	Fuels	No	No
295	09/04/2015 08:06	13.77	Start-up	Adjust burner	Fuels	No	No
296	09/04/2015 08:07	13.91	Start-up	Adjust burner	Fuels	No	No
297	09/04/2015 08:08	14.04	Start-up	Adjust burner	Fuels	No	No
298	09/04/2015 08:09	14.16	Start-up	Adjust burner	Fuels	No	No
299	09/04/2015 08:10	14.27	Start-up	Adjust burner	Fuels	No	No
300	09/04/2015 08:11	14.37	Start-up	Adjust burner	Fuels	No	No
301	09/04/2015 08:12	14.41	Start-up	Adjust burner	Fuels	No	No
302	09/04/2015 08:13	14.42	Start-up	Adjust burner	Fuels	No	No
303	09/04/2015 08:14	14.40	Start-up	Adjust burner	Fuels	No	No
304	09/04/2015 08:15	14.39	Start-up	Adjust burner	Fuels	No	No
305	09/04/2015 08:16	14.36	Start-up	Adjust burner	Fuels	No	No
306	09/04/2015 08:17	14.33	Start-up	Adjust burner	Fuels	No	No
307	09/04/2015 08:18	14.29	Start-up	Adjust burner	Fuels	No	No
308	09/04/2015 08:19	14.24	Start-up	Adjust burner	Fuels	No	No
309	09/04/2015 08:20	14.16	Start-up	Adjust burner	Fuels	No	No
310	09/04/2015 08:21	14.06	Start-up	Adjust burner	Fuels	No	No
311	09/04/2015 08:22	13.95	Start-up	Adjust burner	Fuels	No	No
312	09/04/2015 08:23	13.87	Start-up	Adjust burner	Fuels	No	No
313	09/04/2015 08:24	13.80	Start-up	Adjust burner	Fuels	No	No
314	09/04/2015 08:25	13.75	Start-up	Adjust burner	Fuels	No	No
315	09/04/2015 08:26	13.71	Start-up	Adjust burner	Fuels	No	No
316	09/04/2015 08:27	13.67	Start-up	Adjust burner	Fuels	No	No
317	09/04/2015 08:28	13.62	Start-up	Adjust burner	Fuels	No	No
318	09/04/2015 08:29	13.55	Start-up	Adjust burner	Fuels	No	No
319	09/04/2015 08:30	13.44	Start-up	Adjust burner	Fuels	No	No
320	09/04/2015 08:31	13.26	Start-up	Adjust burner	Fuels	No	No
321	09/04/2015 08:32	13.01	Start-up	Adjust burner	Fuels	No	No
322	09/04/2015 08:33	12.72	Start-up	Adjust burner	Fuels	No	No
323	09/04/2015 08:34	12.45	Start-up	Adjust burner	Fuels	No	No
324	09/04/2015 08:35	12.19	Start-up	Adjust burner	Fuels	No	No
325	09/04/2015 08:36	11.95	Start-up	Adjust burner	Fuels	No	No
326	09/04/2015 08:37	11.69	Start-up	Adjust burner	Fuels	No	No
327	09/04/2015 08:38	11.43	Start-up	Adjust burner	Fuels	No	No
328	09/04/2015 08:39	11.22	Start-up	Adjust burner	Fuels	No	No
329	09/04/2015 08:40	11.06	Start-up	Adjust burner	Fuels	No	No
330	09/04/2015 08:41	10.93	Start-up	Adjust burner	Fuels	No	No
331	09/04/2015 08:42	10.81	Start-up	Adjust burner	Fuels	No	No
332	09/04/2015 08:43	10.72	Start-up	Adjust burner	Fuels	No	No
333	09/04/2015 08:44	10.63	Start-up	Adjust burner	Fuels	No	No
334	09/04/2015 08:45	10.49	Start-up	Adjust burner	Fuels	No	No
335	09/04/2015 08:46	10.34	Start-up	Adjust burner	Fuels	No	No
336	09/04/2015 08:47	10.20	Start-up	Adjust burner	Fuels	No	No
337	09/04/2015 08:48	10.07	Start-up	Adjust burner	Fuels	No	No
338	09/04/2015 12:29	10.64	Start-up	Adjust burner	Fuels	No	No
339	09/04/2015 12:30	12.10	Start-up	Adjust burner	Fuels	No	No
340	09/04/2015 12:31	13.62	Start-up	Adjust burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
341	09/04/2015 12:32	15.15	Start-up	Adjust burner	Fuels	No	No
342	09/04/2015 12:33	16.60	Start-up	Adjust burner	Fuels	No	No
343	09/04/2015 12:34	17.91	Start-up	Adjust burner	Fuels	No	No
344	09/04/2015 12:35	19.11	Start-up	Adjust burner	Fuels	No	No
345	09/04/2015 12:36	20.23	Start-up	Adjust burner	Fuels	No	No
346	09/04/2015 12:37	21.29	Start-up	Adjust burner	Fuels	No	No
347	09/04/2015 12:38	22.28	Start-up	Adjust burner	Fuels	No	No
348	09/04/2015 12:39	23.24	Start-up	Adjust burner	Fuels	No	No
349	09/04/2015 12:40	24.18	Start-up	Adjust burner	Fuels	No	No
350	09/04/2015 12:41	25.13	Start-up	Adjust burner	Fuels	No	No
351	09/04/2015 12:42	26.07	Start-up	Adjust burner	Fuels	No	No
352	09/04/2015 12:43	26.99	Start-up	Adjust burner	Fuels	No	No
353	09/04/2015 12:44	27.89	Start-up	Adjust burner	Fuels	No	No
354	09/04/2015 12:45	28.79	Start-up	Adjust burner	Fuels	No	No
355	09/04/2015 12:46	29.67	Start-up	Adjust burner	Fuels	No	No
356	09/04/2015 12:47	30.54	Start-up	Adjust burner	Fuels	No	No
357	09/04/2015 12:48	31.44	Start-up	Adjust burner	Fuels	No	No
358	09/04/2015 12:49	32.35	Start-up	Adjust burner	Fuels	No	No
359	09/04/2015 12:50	33.25	Start-up	Adjust burner	Fuels	No	No
360	09/04/2015 12:51	34.15	Start-up	Adjust burner	Fuels	No	No
361	09/04/2015 12:52	35.04	Start-up	Adjust burner	Fuels	No	No
362	09/04/2015 12:53	35.93	Start-up	Adjust burner	Fuels	No	No
363	09/04/2015 12:54	36.79	Start-up	Adjust burner	Fuels	No	No
364	09/04/2015 12:55	37.63	Start-up	Adjust burner	Fuels	No	No
365	09/04/2015 12:56	38.44	Start-up	Adjust burner	Fuels	No	No
366	09/04/2015 12:57	39.19	Start-up	Adjust burner	Fuels	No	No
367	09/04/2015 12:58	39.91	Start-up	Adjust burner	Fuels	No	No
368	09/04/2015 12:59	40.60	Start-up	Adjust burner	Fuels	No	No
369	09/04/2015 13:00	41.27	Start-up	Adjust burner	Fuels	No	No
370	09/04/2015 13:01	41.94	Start-up	Adjust burner	Fuels	No	No
371	09/04/2015 13:02	42.59	Start-up	Adjust burner	Fuels	No	No
372	09/04/2015 13:03	43.22	Start-up	Adjust burner	Fuels	No	No
373	09/04/2015 13:04	43.82	Start-up	Adjust burner	Fuels	No	No
374	09/04/2015 13:05	44.42	Start-up	Adjust burner	Fuels	No	No
375	09/04/2015 13:06	45.02	Start-up	Adjust burner	Fuels	No	No
376	09/04/2015 13:07	45.61	Start-up	Adjust burner	Fuels	No	No
377	09/04/2015 13:08	46.20	Start-up	Adjust burner	Fuels	No	No
378	09/04/2015 13:09	46.77	Start-up	Adjust burner	Fuels	No	No
379	09/04/2015 13:10	47.32	Start-up	Adjust burner	Fuels	No	No
380	09/04/2015 13:11	47.89	Start-up	Adjust burner	Fuels	No	No
381	09/04/2015 13:12	48.45	Start-up	Adjust burner	Fuels	No	No
382	09/04/2015 13:13	49.00	Start-up	Adjust burner	Fuels	No	No
383	09/04/2015 13:14	49.52	Start-up	Adjust burner	Fuels	No	No
384	09/04/2015 13:15	50.05	Start-up	Adjust burner	Fuels	No	No
385	09/04/2015 13:16	50.55	Start-up	Adjust burner	Fuels	No	No
386	09/04/2015 13:17	51.04	Start-up	Adjust burner	Fuels	No	No
387	09/04/2015 13:18	51.49	Start-up	Adjust burner	Fuels	No	No
388	09/04/2015 13:19	51.92	Start-up	Adjust burner	Fuels	No	No
389	09/04/2015 13:20	52.31	Start-up	Adjust burner	Fuels	No	No
390	09/04/2015 13:21	52.71	Start-up	Adjust burner	Fuels	No	No
391	09/04/2015 13:22	53.09	Start-up	Adjust burner	Fuels	No	No
392	09/04/2015 13:23	53.31	Start-up	Adjust burner	Fuels	No	No
393	09/04/2015 13:24	53.16	Start-up	Adjust burner	Fuels	No	No
394	09/04/2015 13:25	52.63	Start-up	Adjust burner	Fuels	No	No
395	09/04/2015 13:26	51.71	Start-up	Adjust burner	Fuels	No	No
396	09/04/2015 13:27	50.72	Start-up	Adjust burner	Fuels	No	No
397	09/04/2015 13:28	49.75	Start-up	Adjust burner	Fuels	No	No
398	09/04/2015 13:29	48.78	Start-up	Adjust burner	Fuels	No	No
399	09/04/2015 13:30	47.74	Start-up	Adjust burner	Fuels	No	No
400	09/04/2015 13:31	46.63	Start-up	Adjust burner	Fuels	No	No
401	09/04/2015 13:32	45.50	Start-up	Adjust burner	Fuels	No	No
402	09/04/2015 13:33	44.46	Start-up	Adjust burner	Fuels	No	No
403	09/04/2015 13:34	43.53	Start-up	Adjust burner	Fuels	No	No
404	09/04/2015 13:35	42.69	Start-up	Adjust burner	Fuels	No	No
405	09/04/2015 13:36	41.92	Start-up	Adjust burner	Fuels	No	No
406	09/04/2015 13:37	41.20	Start-up	Adjust burner	Fuels	No	No
407	09/04/2015 13:38	40.54	Start-up	Adjust burner	Fuels	No	No
408	09/04/2015 13:39	39.91	Start-up	Adjust burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
409	09/04/2015 13:40	39.30	Start-up	Adjust burner	Fuels	No	No
410	09/04/2015 13:41	38.68	Start-up	Adjust burner	Fuels	No	No
411	09/04/2015 13:42	38.07	Start-up	Adjust burner	Fuels	No	No
412	09/04/2015 13:43	37.47	Start-up	Adjust burner	Fuels	No	No
413	09/04/2015 13:44	36.89	Start-up	Adjust burner	Fuels	No	No
414	09/04/2015 13:45	36.31	Start-up	Adjust burner	Fuels	No	No
415	09/04/2015 13:46	35.76	Start-up	Adjust burner	Fuels	No	No
416	09/04/2015 13:47	35.21	Start-up	Adjust burner	Fuels	No	No
417	09/04/2015 13:48	34.63	Start-up	Adjust burner	Fuels	No	No
418	09/04/2015 13:49	34.03	Start-up	Adjust burner	Fuels	No	No
419	09/04/2015 13:50	33.45	Start-up	Adjust burner	Fuels	No	No
420	09/04/2015 13:51	32.86	Start-up	Adjust burner	Fuels	No	No
421	09/04/2015 13:52	32.28	Start-up	Adjust burner	Fuels	No	No
422	09/04/2015 13:53	31.70	Start-up	Adjust burner	Fuels	No	No
423	09/04/2015 13:54	31.13	Start-up	Adjust burner	Fuels	No	No
424	09/04/2015 13:55	30.57	Start-up	Adjust burner	Fuels	No	No
425	09/04/2015 13:56	30.05	Start-up	Adjust burner	Fuels	No	No
426	09/04/2015 13:57	29.57	Start-up	Adjust burner	Fuels	No	No
427	09/04/2015 13:58	29.11	Start-up	Adjust burner	Fuels	No	No
428	09/04/2015 13:59	28.69	Start-up	Adjust burner	Fuels	No	No
429	09/04/2015 14:00	28.30	Start-up	Adjust burner	Fuels	No	No
430	09/04/2015 14:01	27.91	Start-up	Adjust burner	Fuels	No	No
431	09/04/2015 14:02	27.52	Start-up	Adjust burner	Fuels	No	No
432	09/04/2015 14:03	27.16	Start-up	Adjust burner	Fuels	No	No
433	09/04/2015 14:04	26.82	Start-up	Adjust burner	Fuels	No	No
434	09/04/2015 14:05	26.50	Start-up	Adjust burner	Fuels	No	No
435	09/04/2015 22:46	12.01	Start-up	Adjust burner	Fuels	No	No
436	09/04/2015 22:47	11.73	Start-up	Adjust burner	Fuels	No	No
437	09/04/2015 22:48	11.54	Start-up	Adjust burner	Fuels	No	No
438	09/04/2015 22:49	11.42	Start-up	Adjust burner	Fuels	No	No
439	09/04/2015 22:50	11.41	Start-up	Adjust burner	Fuels	No	No
440	09/04/2015 22:51	11.48	Start-up	Adjust burner	Fuels	No	No
441	09/04/2015 22:52	11.58	Start-up	Adjust burner	Fuels	No	No
442	09/04/2015 22:53	11.67	Start-up	Adjust burner	Fuels	No	No
443	09/04/2015 22:54	11.89	Start-up	Adjust burner	Fuels	No	No
444	09/04/2015 22:55	12.11	Start-up	Adjust burner	Fuels	No	No
445	09/04/2015 22:56	11.73	Start-up	Adjust burner	Fuels	No	No
446	09/04/2015 22:57	11.54	Start-up	Adjust burner	Fuels	No	No
447	09/04/2015 22:58	11.68	Start-up	Adjust burner	Fuels	No	No
448	09/04/2015 22:59	11.39	Start-up	Adjust burner	Fuels	No	No
449	09/04/2015 23:00	11.46	Start-up	Adjust burner	Fuels	No	No
450	09/04/2015 23:01	11.66	Start-up	Adjust burner	Fuels	No	No
451	09/04/2015 23:02	11.90	Start-up	Adjust burner	Fuels	No	No
452	09/04/2015 23:03	12.15	Start-up	Adjust burner	Fuels	No	No
453	09/04/2015 23:04	12.41	Start-up	Adjust burner	Fuels	No	No
454	09/04/2015 23:05	12.67	Start-up	Adjust burner	Fuels	No	No
455	09/04/2015 23:06	12.91	Start-up	Adjust burner	Fuels	No	No
456	09/04/2015 23:07	13.15	Start-up	Adjust burner	Fuels	No	No
457	09/04/2015 23:08	13.39	Start-up	Adjust burner	Fuels	No	No
458	09/04/2015 23:09	13.60	Start-up	Adjust burner	Fuels	No	No
459	09/04/2015 23:10	13.80	Start-up	Adjust burner	Fuels	No	No
460	09/04/2015 23:11	13.99	Start-up	Adjust burner	Fuels	No	No
461	09/04/2015 23:12	14.17	Start-up	Adjust burner	Fuels	No	No
462	09/04/2015 23:13	14.35	Start-up	Adjust burner	Fuels	No	No
463	09/04/2015 23:14	14.55	Start-up	Adjust burner	Fuels	No	No
464	09/04/2015 23:15	14.72	Start-up	Adjust burner	Fuels	No	No
465	09/04/2015 23:16	14.87	Start-up	Adjust burner	Fuels	No	No
466	09/04/2015 23:17	15.00	Start-up	Adjust burner	Fuels	No	No
467	09/04/2015 23:18	15.13	Start-up	Adjust burner	Fuels	No	No
468	09/04/2015 23:19	15.27	Start-up	Adjust burner	Fuels	No	No
469	09/04/2015 23:20	15.39	Start-up	Adjust burner	Fuels	No	No
470	09/04/2015 23:21	15.53	Start-up	Adjust burner	Fuels	No	No
471	09/04/2015 23:22	15.67	Start-up	Adjust burner	Fuels	No	No
472	09/04/2015 23:23	15.82	Start-up	Adjust burner	Fuels	No	No
473	09/04/2015 23:24	15.96	Start-up	Adjust burner	Fuels	No	No
474	09/04/2015 23:25	16.12	Start-up	Adjust burner	Fuels	No	No
475	09/04/2015 23:26	16.27	Start-up	Adjust burner	Fuels	No	No
476	09/04/2015 23:27	16.42	Start-up	Adjust burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
477	09/04/2015 23:28	16.57	Start-up	Adjust burner	Fuels	No	No
478	09/04/2015 23:29	16.73	Start-up	Adjust burner	Fuels	No	No
479	09/04/2015 23:30	16.89	Start-up	Adjust burner	Fuels	No	No
480	09/04/2015 23:31	17.04	Start-up	Adjust burner	Fuels	No	No
481	09/04/2015 23:32	17.20	Start-up	Adjust burner	Fuels	No	No
482	09/04/2015 23:33	17.37	Start-up	Adjust burner	Fuels	No	No
483	09/04/2015 23:34	17.53	Start-up	Adjust burner	Fuels	No	No
484	09/04/2015 23:35	17.71	Start-up	Adjust burner	Fuels	No	No
485	09/04/2015 23:36	17.88	Start-up	Adjust burner	Fuels	No	No
486	09/04/2015 23:37	18.05	Start-up	Adjust burner	Fuels	No	No
487	09/04/2015 23:38	18.20	Start-up	Adjust burner	Fuels	No	No
488	09/04/2015 23:39	18.36	Start-up	Adjust burner	Fuels	No	No
489	09/04/2015 23:40	18.50	Start-up	Adjust burner	Fuels	No	No
490	09/04/2015 23:41	18.64	Start-up	Adjust burner	Fuels	No	No
491	09/04/2015 23:42	18.76	Start-up	Adjust burner	Fuels	No	No
492	09/04/2015 23:43	18.85	Start-up	Adjust burner	Fuels	No	No
493	09/04/2015 23:44	18.91	Start-up	Adjust burner	Fuels	No	No
494	09/04/2015 23:45	18.95	Start-up	Adjust burner	Fuels	No	No
495	09/04/2015 23:46	18.95	Start-up	Adjust burner	Fuels	No	No
496	09/04/2015 23:47	18.90	Start-up	Adjust burner	Fuels	No	No
497	09/04/2015 23:48	18.82	Start-up	Adjust burner	Fuels	No	No
498	09/04/2015 23:49	18.74	Start-up	Adjust burner	Fuels	No	No
499	09/04/2015 23:50	18.63	Start-up	Adjust burner	Fuels	No	No
500	09/04/2015 23:51	18.53	Start-up	Adjust burner	Fuels	No	No
501	09/04/2015 23:52	18.43	Start-up	Adjust burner	Fuels	No	No
502	09/04/2015 23:53	18.33	Start-up	Adjust burner	Fuels	No	No
503	09/04/2015 23:54	18.24	Start-up	Adjust burner	Fuels	No	No
504	09/04/2015 23:55	18.15	Start-up	Adjust burner	Fuels	No	No
505	09/04/2015 23:56	18.05	Start-up	Adjust burner	Fuels	No	No
506	09/04/2015 23:57	17.96	Start-up	Adjust burner	Fuels	No	No
507	09/04/2015 23:58	17.87	Start-up	Adjust burner	Fuels	No	No
508	09/04/2015 23:59	17.77	Start-up	Adjust burner	Fuels	No	No
509	09/05/2015 00:00	17.68	Start-up	Adjust burner	Fuels	No	No
510	09/05/2015 00:01	17.59	Start-up	Adjust burner	Fuels	No	No
511	09/05/2015 00:02	17.50	Start-up	Adjust burner	Fuels	No	No
512	09/05/2015 00:03	17.41	Start-up	Adjust burner	Fuels	No	No
513	09/05/2015 00:04	17.32	Start-up	Adjust burner	Fuels	No	No
514	09/05/2015 00:05	17.25	Start-up	Adjust burner	Fuels	No	No
515	09/05/2015 00:06	17.18	Start-up	Adjust burner	Fuels	No	No
516	09/05/2015 00:07	17.13	Start-up	Adjust burner	Fuels	No	No
517	09/05/2015 00:08	17.07	Start-up	Adjust burner	Fuels	No	No
518	09/05/2015 00:09	17.03	Start-up	Adjust burner	Fuels	No	No
519	09/05/2015 00:10	16.99	Start-up	Adjust burner	Fuels	No	No
520	09/05/2015 00:11	16.95	Start-up	Adjust burner	Fuels	No	No
521	09/05/2015 00:12	16.92	Start-up	Adjust burner	Fuels	No	No
522	09/05/2015 00:13	16.91	Start-up	Adjust burner	Fuels	No	No
523	09/05/2015 00:14	16.87	Start-up	Adjust burner	Fuels	No	No
524	09/05/2015 00:15	16.84	Start-up	Adjust burner	Fuels	No	No
525	09/05/2015 00:16	16.79	Start-up	Adjust burner	Fuels	No	No
526	09/05/2015 00:17	16.74	Start-up	Adjust burner	Fuels	No	No
527	09/05/2015 00:18	16.68	Start-up	Adjust burner	Fuels	No	No
528	09/05/2015 00:19	16.63	Start-up	Adjust burner	Fuels	No	No
529	09/05/2015 00:20	16.58	Start-up	Adjust burner	Fuels	No	No
530	09/05/2015 00:21	16.52	Start-up	Adjust burner	Fuels	No	No
531	09/05/2015 00:22	16.47	Start-up	Adjust burner	Fuels	No	No
532	09/05/2015 00:23	16.42	Start-up	Adjust burner	Fuels	No	No
533	09/05/2015 00:24	16.37	Start-up	Adjust burner	Fuels	No	No
534	09/05/2015 00:25	16.33	Start-up	Adjust burner	Fuels	No	No
535	09/05/2015 00:26	16.30	Start-up	Adjust burner	Fuels	No	No
536	09/05/2015 00:27	16.27	Start-up	Adjust burner	Fuels	No	No
537	09/05/2015 00:28	16.23	Start-up	Adjust burner	Fuels	No	No
538	09/05/2015 00:29	16.20	Start-up	Adjust burner	Fuels	No	No
539	09/05/2015 00:30	16.18	Start-up	Adjust burner	Fuels	No	No
540	09/05/2015 00:31	16.16	Start-up	Adjust burner	Fuels	No	No
541	09/05/2015 00:32	16.15	Start-up	Adjust burner	Fuels	No	No
542	09/05/2015 00:33	16.13	Start-up	Adjust burner	Fuels	No	No
543	09/05/2015 00:34	16.14	Start-up	Adjust burner	Fuels	No	No
544	09/05/2015 00:35	16.15	Start-up	Adjust burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
545	09/05/2015 00:36	16.17	Start-up	Adjust burner	Fuels	No	No
546	09/05/2015 00:37	16.19	Start-up	Adjust burner	Fuels	No	No
547	09/05/2015 00:38	16.19	Start-up	Adjust burner	Fuels	No	No
548	09/05/2015 00:39	16.18	Start-up	Adjust burner	Fuels	No	No
549	09/05/2015 00:40	16.15	Start-up	Adjust burner	Fuels	No	No
550	09/05/2015 00:41	16.11	Start-up	Adjust burner	Fuels	No	No
551	09/05/2015 00:42	16.06	Start-up	Adjust burner	Fuels	No	No
552	09/05/2015 00:43	16.03	Start-up	Adjust burner	Fuels	No	No
553	09/05/2015 00:44	15.97	Start-up	Adjust burner	Fuels	No	No
554	09/05/2015 00:45	15.93	Start-up	Adjust burner	Fuels	No	No
555	09/05/2015 00:46	15.89	Start-up	Adjust burner	Fuels	No	No
556	09/05/2015 00:47	15.85	Start-up	Adjust burner	Fuels	No	No
557	09/05/2015 00:48	15.82	Start-up	Adjust burner	Fuels	No	No
558	09/05/2015 00:49	15.78	Start-up	Adjust burner	Fuels	No	No
559	09/05/2015 00:50	15.74	Start-up	Adjust burner	Fuels	No	No
560	09/05/2015 00:51	15.68	Start-up	Adjust burner	Fuels	No	No
561	09/05/2015 00:52	15.60	Start-up	Adjust burner	Fuels	No	No
562	09/05/2015 00:53	15.50	Start-up	Adjust burner	Fuels	No	No
563	09/05/2015 00:54	15.38	Start-up	Adjust burner	Fuels	No	No
564	09/05/2015 00:55	15.26	Start-up	Adjust burner	Fuels	No	No
565	09/05/2015 00:56	15.13	Start-up	Adjust burner	Fuels	No	No
566	09/05/2015 00:57	15.00	Start-up	Adjust burner	Fuels	No	No
567	09/05/2015 00:58	14.88	Start-up	Adjust burner	Fuels	No	No
568	09/05/2015 00:59	14.75	Start-up	Adjust burner	Fuels	No	No
569	09/05/2015 01:00	14.63	Start-up	Adjust burner	Fuels	No	No
570	09/05/2015 01:01	14.53	Start-up	Adjust burner	Fuels	No	No
571	09/05/2015 01:02	14.44	Start-up	Adjust burner	Fuels	No	No
572	09/05/2015 01:03	14.34	Start-up	Adjust burner	Fuels	No	No
573	09/05/2015 01:04	14.25	Start-up	Adjust burner	Fuels	No	No
574	09/05/2015 01:05	14.13	Start-up	Adjust burner	Fuels	No	No
575	09/05/2015 01:06	14.01	Start-up	Adjust burner	Fuels	No	No
576	09/05/2015 01:07	13.88	Start-up	Adjust burner	Fuels	No	No
577	09/05/2015 01:08	13.74	Start-up	Adjust burner	Fuels	No	No
578	09/05/2015 01:09	13.60	Start-up	Adjust burner	Fuels	No	No
579	09/05/2015 01:10	13.47	Start-up	Adjust burner	Fuels	No	No
580	09/05/2015 01:11	13.35	Start-up	Adjust burner	Fuels	No	No
581	09/05/2015 01:12	13.21	Start-up	Adjust burner	Fuels	No	No
582	09/05/2015 01:13	13.07	Start-up	Adjust burner	Fuels	No	No
583	09/05/2015 01:14	12.96	Start-up	Adjust burner	Fuels	No	No
584	09/05/2015 01:15	12.83	Start-up	Adjust burner	Fuels	No	No
585	09/05/2015 01:16	12.71	Start-up	Adjust burner	Fuels	No	No
586	09/05/2015 01:17	12.59	Start-up	Adjust burner	Fuels	No	No
587	09/05/2015 01:18	12.47	Start-up	Adjust burner	Fuels	No	No
588	09/05/2015 01:19	12.34	Start-up	Adjust burner	Fuels	No	No
589	09/05/2015 01:20	12.21	Start-up	Adjust burner	Fuels	No	No
590	09/05/2015 01:21	12.07	Start-up	Adjust burner	Fuels	No	No
591	09/05/2015 01:22	11.92	Start-up	Adjust burner	Fuels	No	No
592	09/05/2015 01:23	11.77	Start-up	Adjust burner	Fuels	No	No
593	09/05/2015 01:24	11.61	Start-up	Adjust burner	Fuels	No	No
594	09/05/2015 01:25	11.46	Start-up	Adjust burner	Fuels	No	No
595	09/05/2015 01:26	11.30	Start-up	Adjust burner	Fuels	No	No
596	09/05/2015 01:27	11.14	Start-up	Adjust burner	Fuels	No	No
597	09/05/2015 01:28	11.00	Start-up	Adjust burner	Fuels	No	No
598	09/05/2015 01:29	10.88	Start-up	Adjust burner	Fuels	No	No
599	09/05/2015 01:30	10.75	Start-up	Adjust burner	Fuels	No	No
600	09/05/2015 01:31	10.63	Start-up	Adjust burner	Fuels	No	No
601	09/05/2015 01:32	10.52	Start-up	Adjust burner	Fuels	No	No
602	09/05/2015 01:33	10.42	Start-up	Adjust burner	Fuels	No	No
603	09/05/2015 01:34	10.32	Start-up	Adjust burner	Fuels	No	No
604	09/05/2015 01:35	10.23	Start-up	Adjust burner	Fuels	No	No
605	09/05/2015 01:36	10.16	Start-up	Adjust burner	Fuels	No	No
606	09/05/2015 01:37	10.09	Start-up	Adjust burner	Fuels	No	No
607	09/05/2015 01:38	10.06	Start-up	Adjust burner	Fuels	No	No
608	09/05/2015 01:39	10.05	Start-up	Adjust burner	Fuels	No	No
609	09/05/2015 01:40	10.06	Start-up	Adjust burner	Fuels	No	No
610	09/05/2015 01:41	10.06	Start-up	Adjust burner	Fuels	No	No
611	09/05/2015 01:42	10.06	Start-up	Adjust burner	Fuels	No	No
612	09/05/2015 01:43	10.05	Start-up	Adjust burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
613	09/05/2015 01:44	10.04	Start-up	Adjust burner	Fuels	No	No
614	09/05/2015 01:45	10.01	Start-up	Adjust burner	Fuels	No	No
615	09/05/2015 01:54	10.03	Start-up	Adjust burner	Fuels	No	No
616	09/05/2015 01:55	10.08	Start-up	Adjust burner	Fuels	No	No
617	09/05/2015 01:56	10.12	Start-up	Adjust burner	Fuels	No	No
618	09/05/2015 01:57	10.18	Start-up	Adjust burner	Fuels	No	No
619	09/05/2015 01:58	10.22	Start-up	Adjust burner	Fuels	No	No
620	09/05/2015 01:59	10.25	Start-up	Adjust burner	Fuels	No	No
621	09/05/2015 02:00	10.28	Start-up	Adjust burner	Fuels	No	No
622	09/05/2015 02:01	10.29	Start-up	Adjust burner	Fuels	No	No
623	09/05/2015 02:02	10.29	Start-up	Adjust burner	Fuels	No	No
624	09/05/2015 02:03	10.28	Start-up	Adjust burner	Fuels	No	No
625	09/05/2015 02:04	10.28	Start-up	Adjust burner	Fuels	No	No
626	09/05/2015 02:05	10.30	Start-up	Adjust burner	Fuels	No	No
627	09/05/2015 02:06	10.33	Start-up	Adjust burner	Fuels	No	No
628	09/05/2015 02:07	10.37	Start-up	Adjust burner	Fuels	No	No
629	09/05/2015 02:08	10.44	Start-up	Adjust burner	Fuels	No	No
630	09/05/2015 02:09	10.51	Start-up	Adjust burner	Fuels	No	No
631	09/05/2015 02:10	10.59	Start-up	Adjust burner	Fuels	No	No
632	09/05/2015 02:11	10.65	Start-up	Adjust burner	Fuels	No	No
633	09/05/2015 02:12	10.74	Start-up	Adjust burner	Fuels	No	No
634	09/05/2015 02:13	10.82	Start-up	Adjust burner	Fuels	No	No
635	09/05/2015 02:14	10.90	Start-up	Adjust burner	Fuels	No	No
636	09/05/2015 02:15	10.98	Start-up	Adjust burner	Fuels	No	No
637	09/05/2015 02:16	11.06	Start-up	Adjust burner	Fuels	No	No
638	09/05/2015 02:17	11.15	Start-up	Adjust burner	Fuels	No	No
639	09/05/2015 02:18	11.25	Start-up	Adjust burner	Fuels	No	No
640	09/05/2015 02:19	11.37	Start-up	Adjust burner	Fuels	No	No
641	09/05/2015 02:20	11.49	Start-up	Adjust burner	Fuels	No	No
642	09/05/2015 02:21	11.62	Start-up	Adjust burner	Fuels	No	No
643	09/05/2015 02:22	11.74	Start-up	Adjust burner	Fuels	No	No
644	09/05/2015 02:23	11.84	Start-up	Adjust burner	Fuels	No	No
645	09/05/2015 02:24	11.94	Start-up	Adjust burner	Fuels	No	No
646	09/05/2015 02:25	12.03	Start-up	Adjust burner	Fuels	No	No
647	09/05/2015 02:26	12.10	Start-up	Adjust burner	Fuels	No	No
648	09/05/2015 02:27	12.15	Start-up	Adjust burner	Fuels	No	No
649	09/05/2015 02:28	12.19	Start-up	Adjust burner	Fuels	No	No
650	09/05/2015 02:29	12.20	Start-up	Adjust burner	Fuels	No	No
651	09/05/2015 02:30	12.20	Start-up	Adjust burner	Fuels	No	No
652	09/05/2015 02:31	12.18	Start-up	Adjust burner	Fuels	No	No
653	09/05/2015 02:32	12.15	Start-up	Adjust burner	Fuels	No	No
654	09/05/2015 02:33	12.09	Start-up	Adjust burner	Fuels	No	No
655	09/05/2015 02:34	12.02	Start-up	Adjust burner	Fuels	No	No
656	09/05/2015 02:35	11.94	Start-up	Adjust burner	Fuels	No	No
657	09/05/2015 02:36	11.85	Start-up	Adjust burner	Fuels	No	No
658	09/05/2015 02:37	11.77	Start-up	Adjust burner	Fuels	No	No
659	09/05/2015 02:38	11.67	Start-up	Adjust burner	Fuels	No	No
660	09/05/2015 02:39	11.55	Start-up	Adjust burner	Fuels	No	No
661	09/05/2015 02:40	11.43	Start-up	Adjust burner	Fuels	No	No
662	09/05/2015 02:41	11.32	Start-up	Adjust burner	Fuels	No	No
663	09/05/2015 02:42	11.20	Start-up	Adjust burner	Fuels	No	No
664	09/05/2015 02:43	11.08	Start-up	Adjust burner	Fuels	No	No
665	09/05/2015 02:44	10.98	Start-up	Adjust burner	Fuels	No	No
666	09/05/2015 02:45	10.88	Start-up	Adjust burner	Fuels	No	No
667	09/05/2015 02:46	10.81	Start-up	Adjust burner	Fuels	No	No
668	09/05/2015 02:47	10.74	Start-up	Adjust burner	Fuels	No	No
669	09/05/2015 02:48	10.63	Start-up	Adjust burner	Fuels	No	No
670	09/05/2015 02:49	10.50	Start-up	Adjust burner	Fuels	No	No
671	09/05/2015 02:50	10.39	Start-up	Adjust burner	Fuels	No	No
672	09/05/2015 02:51	10.32	Start-up	Adjust burner	Fuels	No	No
673	09/05/2015 02:52	10.28	Start-up	Adjust burner	Fuels	No	No
674	09/05/2015 02:53	10.24	Start-up	Adjust burner	Fuels	No	No
675	09/05/2015 02:54	10.20	Start-up	Adjust burner	Fuels	No	No
676	09/05/2015 02:55	10.17	Start-up	Adjust burner	Fuels	No	No
677	09/05/2015 02:56	10.12	Start-up	Adjust burner	Fuels	No	No
678	09/05/2015 02:57	10.07	Start-up	Adjust burner	Fuels	No	No
679	09/05/2015 02:58	10.02	Start-up	Adjust burner	Fuels	No	No

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Heritage Thermal Services
3rd Quarter 2015

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
		679	Total Minutes in Exceedance				
		6	Number of Events				

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Jul-15	07:35 AM	07:57 AM	22	Calibration Check	13-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
02-Jul-15	06:02 AM	06:24 AM	22	Calibration Check	14-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
03-Jul-15	06:35 AM	06:56 AM	21	Calibration Check	15-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
04-Jul-15	06:35 AM	06:56 AM	21	Calibration Check	16-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
05-Jul-15	06:35 AM	06:56 AM	21	Calibration Check	17-Aug-15	07:49 AM	08:04 AM	15	Calibration Check
06-Jul-15	06:44 AM	07:06 AM	22	Calibration Check	18-Aug-15	06:10 AM	06:31 AM	21	Calibration Check
07-Jul-15	06:32 AM	06:53 AM	21	Calibration Check	19-Aug-15	06:00 AM	06:21 AM	21	Calibration Check
08-Jul-15	06:28 AM	06:50 AM	22	Calibration Check	20-Aug-15	06:14 AM	06:35 AM	21	Calibration Check
09-Jul-15	07:03 AM	07:24 AM	21	Calibration Check	21-Aug-15	06:27 AM	06:49 AM	22	Calibration Check
10-Jul-15	07:18 AM	07:39 AM	21	Calibration Check	22-Aug-15	08:42 AM	08:57 AM	15	Calibration Check
11-Jul-15	06:35 AM	06:57 AM	22	Calibration Check	23-Aug-15	07:22 AM	07:30 AM	8	Calibration Check
12-Jul-15	05:38 AM	05:59 AM	21	Calibration Check	24-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
13-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	25-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
14-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	26-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
15-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	27-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
16-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	30-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
17-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	31-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
18-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	03-Sep-15	06:39 PM	07:00 PM	21	Calibration Check
19-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	04-Sep-15	10:05 AM	10:26 AM	21	Calibration Check
20-Jul-15	06:19 AM	06:41 AM	22	Calibration Check	05-Sep-15	07:15 AM	07:23 AM	8	Calibration Check
21-Jul-15	06:00 AM	06:21 AM	21	Calibration Check	06-Sep-15	10:34 AM	10:56 AM	22	Calibration Check
22-Jul-15	06:42 AM	07:04 AM	22	Calibration Check	07-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
23-Jul-15	06:29 AM	06:51 AM	22	Calibration Check	08-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
24-Jul-15	06:25 AM	06:46 AM	21	Calibration Check	09-Sep-15	06:51 AM	07:12 AM	21	Calibration Check
25-Jul-15	09:51 AM	10:13 AM	22	Calibration Check	10-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
26-Jul-15	06:56 AM	07:18 AM	22	Calibration Check	11-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
27-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	12-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
28-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	13-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
29-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	14-Sep-15	06:19 AM	06:41 AM	22	Calibration Check
30-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	15-Sep-15	06:27 AM	06:49 AM	22	Calibration Check
31-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	16-Sep-15	05:35 AM	05:56 AM	21	Calibration Check
01-Aug-15	06:20 AM	06:41 AM	21	Calibration Check	17-Sep-15	07:20 AM	07:41 AM	21	Calibration Check
02-Aug-15	06:17 AM	06:39 AM	22	Calibration Check	18-Sep-15	06:33 AM	06:55 AM	22	Calibration Check
03-Aug-15	06:20 AM	06:41 AM	21	Calibration Check	19-Sep-15	07:09 AM	07:31 AM	22	Calibration Check
04-Aug-15	06:29 AM	06:50 AM	21	Calibration Check	20-Sep-15	07:05 AM	07:27 AM	22	Calibration Check
05-Aug-15	06:42 AM	07:03 AM	21	Calibration Check	21-Sep-15	06:45 AM	06:59 AM	14	Calibration Check
06-Aug-15	06:36 AM	06:57 AM	21	Calibration Check	22-Sep-15	06:35 AM	06:56 AM	21	Calibration Check
07-Aug-15	06:23 AM	06:45 AM	22	Calibration Check	23-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
08-Aug-15	06:20 AM	06:41 AM	21	Calibration Check	24-Sep-15	05:42 AM	06:04 AM	22	Calibration Check
09-Aug-15	06:54 AM	07:08 AM	14	Calibration Check	25-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
10-Aug-15	06:26 AM	06:40 AM	14	Calibration Check	26-Sep-15	06:48 AM	07:10 AM	22	Calibration Check
10-Aug-15	06:46 AM	07:07 AM	21		27-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
11-Aug-15	06:20 AM	06:41 AM	21	Calibration Check	28-Sep-15	07:37 AM	07:48 AM	11	Calibration Check
12-Aug-15	06:20 AM	06:41 AM	21	Calibration Check	29-Sep-15	07:22 AM	07:33 AM	11	Calibration Check
					30-Sep-15	06:39 AM	07:01 AM	22	Calibration Check
			Minutes					Minutes	
			922					890	
Total minutes for quality assurance:									
			Minutes						
			1812						

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Jul-15	08:02 AM	08:14 AM	12	Calibration Check	11-Aug-15	07:01 AM	07:12 AM	11	Calibration Check
02-Jul-15	07:16 AM	07:27 AM	11	Calibration Check	12-Aug-15	07:12 AM	07:23 AM	11	Calibration Check
03-Jul-15	07:05 AM	07:16 AM	11	Calibration Check	13-Aug-15	06:53 AM	07:04 AM	11	Calibration Check
04-Jul-15	07:05 AM	07:16 AM	11	Calibration Check	14-Aug-15	06:50 AM	07:01 AM	11	Calibration Check
05-Jul-15	07:05 AM	07:16 AM	11	Calibration Check	15-Aug-15	06:50 AM	07:01 AM	11	Calibration Check
06-Jul-15	07:11 AM	07:22 AM	11	Calibration Check	16-Aug-15	06:50 AM	07:01 AM	11	Calibration Check
07-Jul-15	06:58 AM	07:09 AM	11	Calibration Check	17-Aug-15	08:13 AM	08:24 AM	11	Calibration Check
08-Jul-15	06:56 AM	07:08 AM	12	Calibration Check	18-Aug-15	06:48 AM	06:59 AM	11	Calibration Check
09-Jul-15	06:49 AM	07:00 AM	11	Calibration Check	19-Aug-15	06:30 AM	06:41 AM	11	Calibration Check
10-Jul-15	07:56 AM	08:07 AM	11	Calibration Check	20-Aug-15	06:45 AM	06:56 AM	11	Calibration Check
11-Jul-15	07:06 AM	07:17 AM	11	Calibration Check	21-Aug-15	06:59 AM	07:08 AM	9	Calibration Check
12-Jul-15	06:06 AM	06:17 AM	11	Calibration Check	22-Aug-15	09:03 AM	09:09 AM	6	Calibration Check
13-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	23-Aug-15	06:50 AM	06:55 AM	5	Calibration Check
14-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	03-Sep-15	07:06 PM	07:17 PM	11	Calibration Check
15-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	04-Sep-15	11:02 AM	11:13 AM	11	Calibration Check
16-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	05-Sep-15	07:55 AM	08:00 AM	5	Calibration Check
17-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	06-Sep-15	11:00 AM	11:12 AM	12	Calibration Check
18-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	07-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
19-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	08-Sep-15	07:44 AM	07:52 AM	8	Calibration Check
20-Jul-15	06:45 AM	06:56 AM	11	Calibration Check	09-Sep-15	07:16 AM	07:27 AM	11	Calibration Check
21-Jul-15	05:34 AM	05:45 AM	11	Calibration Check	10-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
22-Jul-15	07:09 AM	07:20 AM	11	Calibration Check	11-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
23-Jul-15	05:47 AM	05:58 AM	11	Calibration Check	12-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
24-Jul-15	06:50 AM	07:02 AM	12	Calibration Check	13-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
25-Jul-15	10:17 AM	10:28 AM	11	Calibration Check	14-Sep-15	06:45 AM	06:56 AM	11	Calibration Check
26-Jul-15	07:22 AM	07:33 AM	11	Calibration Check	15-Sep-15	06:53 AM	07:04 AM	11	Calibration Check
27-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	16-Sep-15	06:02 AM	06:13 AM	11	Calibration Check
28-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	17-Sep-15	07:03 AM	07:14 AM	11	Calibration Check
29-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	18-Sep-15	06:58 AM	07:09 AM	11	Calibration Check
30-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	19-Sep-15	07:35 AM	07:46 AM	11	Calibration Check
31-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	20-Sep-15	07:33 AM	07:44 AM	11	Calibration Check
01-Aug-15	06:50 AM	07:01 AM	11	Calibration Check	21-Sep-15	06:31 AM	06:42 AM	11	Calibration Check
02-Aug-15	06:58 AM	07:10 AM	12	Calibration Check	21-Sep-15	07:03 AM	07:06 AM	3	Recalibration
03-Aug-15	06:50 AM	07:01 AM	11	Calibration Check	22-Sep-15	06:21 AM	06:32 AM	11	Calibration Check
04-Aug-15	06:55 AM	07:07 AM	12	Calibration Check	23-Sep-15	06:47 AM	06:58 AM	11	Calibration Check
05-Aug-15	07:08 AM	07:19 AM	11	Calibration Check	24-Sep-15	06:09 AM	06:20 AM	11	Calibration Check
06-Aug-15	07:03 AM	07:14 AM	11	Calibration Check	25-Sep-15	06:55 AM	07:06 AM	11	Calibration Check
07-Aug-15	06:58 AM	07:09 AM	11	Calibration Check	26-Sep-15	07:20 AM	07:31 AM	11	Calibration Check
08-Aug-15	07:06 AM	07:18 AM	12	Calibration Check	27-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
09-Aug-15	07:12 AM	07:23 AM	11	Calibration Check	28-Sep-15	07:52 AM	08:04 AM	12	Calibration Check
10-Aug-15	07:19 AM	07:30 AM	11	Calibration Check	29-Sep-15	07:39 AM	07:51 AM	12	Calibration Check
					30-Sep-15	07:05 AM	07:16 AM	11	Calibration Check
			Minutes					Minutes	
			457					435	
Total minutes for quality assurance:									
			Minutes						
			892						

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

**THC Monitors
1 and # 2
Downtime**

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
				THC #1		
WORK ON THIS ANALYZER						
7/16/2015	6:05 AM	6:12 AM	7	Checking Analyzer	Manual Calibration	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
8/10/2015	6:46 AM	7:07 AM	21	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				THC #2		
WORK ON THIS ANALYZER						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
9/21/2015	7:03 AM	7:06 AM	3	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
8/17/2015	3:01 AM	3:02 AM	2			Retention
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					113,717	
TOTAL DOWNTIME OF CEM SYSTEM:					2	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					2	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					113,715	
SYSTEM AVAILABILITY					100.0%	

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

**THC Monitors
PM**

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Date	Duration	Activity	Analyzer
TOTAL			
(e.g., blowback, manual adjustment to monitors, etc.)			
No preventative maintenance had to be performed on monitors this quarter.			

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
Summary**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Date	MAXIMUM LB/HR	Duration (min)	Reason	Corrective Action
		0	Total Minutes	
			Total Emissions for the Quarter	
		31444	(LBS)	
		16	(Tons)	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NO_x
Excess Emissions Report

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

	Date	LB/HR	Reason	Corrective Action	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
		0	Total Minutes in Exceedance			
		0	Number of Events			
			Total Emissions for the Quarter			
		31444	(LBS)			
		15.72	(Tons)			

Emissions Limits:
28.36 LBS/Hr
124 23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
07/01/2015 03:00	18.92	
07/01/2015 06:00	20.91	
07/01/2015 09:00	14.89	
07/01/2015 12:00	7.74	
07/01/2015 15:00	9.41	
07/01/2015 18:00	10.63	
07/01/2015 21:00	13.67	
07/02/2015 00:00	12.53	
07/02/2015 03:00	13.61	
07/02/2015 06:00	10.09	
07/02/2015 09:00	15.27	
07/02/2015 12:00	16.12	
07/02/2015 15:00	14.49	
07/02/2015 18:00	13.57	
07/02/2015 21:00	16.39	
07/03/2015 00:00	17.08	
07/03/2015 03:00	18.70	
07/03/2015 06:00	17.82	
07/03/2015 09:00	18.23	
07/03/2015 12:00	26.89	
07/03/2015 15:00	0.87	
07/03/2015 18:00	16.40	
07/03/2015 21:00	15.67	
07/04/2015 00:00	18.84	
07/04/2015 03:00	15.40	
07/04/2015 06:00	16.10	
07/04/2015 09:00	12.70	
07/04/2015 12:00	13.38	
07/04/2015 15:00	13.24	
07/04/2015 18:00	12.46	
07/04/2015 21:00	13.47	
07/05/2015 00:00	13.75	
07/05/2015 03:00	15.04	
07/05/2015 06:00	14.25	
07/05/2015 09:00	14.60	
07/05/2015 12:00	13.42	
07/05/2015 15:00	11.74	
07/05/2015 18:00	11.37	
07/05/2015 21:00	12.87	
07/06/2015 00:00	13.76	
07/06/2015 03:00	13.21	
07/06/2015 06:00	12.50	
07/06/2015 09:00	10.21	
07/06/2015 12:00	13.39	
07/06/2015 15:00	14.21	
07/06/2015 18:00	15.54	
07/06/2015 21:00	13.86	
07/07/2015 00:00	14.69	
07/07/2015 03:00	16.02	
07/07/2015 06:00	15.33	
07/07/2015 09:00	14.70	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
07/07/2015 12:00	12.47	
07/07/2015 15:00	12.26	
07/07/2015 18:00	11.48	
07/07/2015 21:00	11.55	
07/08/2015 00:00	14.85	
07/08/2015 03:00	13.36	
07/08/2015 06:00	14.54	
07/08/2015 09:00	14.84	
07/08/2015 12:00	14.11	
07/08/2015 15:00	13.50	
07/08/2015 18:00	7.64	
07/08/2015 21:00	12.54	
07/09/2015 00:00	13.54	
07/09/2015 03:00	15.34	
07/09/2015 06:00	17.55	
07/09/2015 09:00	17.68	
07/09/2015 12:00	16.72	
07/09/2015 15:00	17.37	
07/09/2015 18:00	19.81	
07/09/2015 21:00	21.12	
07/10/2015 00:00	22.25	
07/10/2015 03:00	22.17	
07/10/2015 06:00	22.69	
07/10/2015 09:00	19.33	
07/10/2015 12:00	21.47	
07/10/2015 15:00	23.33	
07/10/2015 18:00	17.93	
07/10/2015 21:00	20.09	
07/11/2015 00:00	18.73	
07/11/2015 03:00	18.67	
07/11/2015 06:00	19.82	
07/11/2015 09:00	15.33	
07/11/2015 12:00	21.73	
07/11/2015 15:00	22.89	
07/11/2015 18:00	22.63	
07/11/2015 21:00	24.04	
07/12/2015 00:00	24.05	
07/12/2015 03:00	24.50	
07/12/2015 06:00	26.59	
07/12/2015 09:00	21.28	
07/12/2015 12:00	19.67	
07/12/2015 15:00	18.99	
07/12/2015 18:00	14.24	
07/12/2015 21:00	17.55	
07/13/2015 00:00	18.12	
07/13/2015 03:00	13.86	
07/13/2015 06:00	17.47	
07/13/2015 09:00	14.73	
07/13/2015 12:00	13.15	
07/13/2015 15:00	16.31	
07/13/2015 18:00	15.90	

NOx
Excess Emissions Report
3-Hour Block Averages

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
07/13/2015 21:00	16.01	
07/14/2015 00:00	15.04	
07/14/2015 03:00	15.54	
07/14/2015 06:00	17.62	
07/14/2015 09:00	16.64	
07/14/2015 12:00	15.50	
07/14/2015 15:00	14.75	
07/14/2015 18:00	14.98	
07/14/2015 21:00	14.36	
07/15/2015 00:00	13.39	
07/15/2015 03:00	16.17	
07/15/2015 06:00	16.23	
07/15/2015 09:00	15.92	
07/15/2015 12:00	19.61	
07/15/2015 15:00	21.06	
07/15/2015 18:00	17.97	
07/15/2015 21:00	23.54	
07/16/2015 00:00	22.37	
07/16/2015 03:00	21.38	
07/16/2015 06:00	17.84	
07/16/2015 09:00	14.35	
07/16/2015 12:00	15.70	
07/16/2015 15:00	17.04	
07/16/2015 18:00	17.53	
07/16/2015 21:00	18.08	
07/17/2015 00:00	18.02	
07/17/2015 03:00	17.31	
07/17/2015 06:00	18.72	
07/17/2015 09:00	18.82	
07/17/2015 12:00	17.72	
07/17/2015 15:00	16.76	
07/17/2015 18:00	16.35	
07/17/2015 21:00	20.01	
07/18/2015 00:00	17.62	
07/18/2015 03:00	14.39	
07/18/2015 06:00	14.03	
07/18/2015 09:00	14.72	
07/18/2015 12:00	13.00	
07/18/2015 15:00	14.55	
07/18/2015 18:00	17.07	
07/18/2015 21:00	16.43	
07/19/2015 00:00	20.43	
07/19/2015 03:00	22.43	
07/19/2015 06:00	22.67	
07/19/2015 09:00	20.54	
07/19/2015 12:00	20.86	
07/19/2015 15:00	15.89	
07/19/2015 18:00	16.90	
07/19/2015 21:00	18.10	
07/20/2015 00:00	17.21	
07/20/2015 03:00	16.01	

**NOx
Excess Emissions Report
3-Hour Block Averages**

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
07/20/2015 06:00	16.09	
07/20/2015 09:00	13.63	
07/20/2015 12:00	12.32	
07/20/2015 15:00	14.50	
07/20/2015 18:00	15.57	
07/20/2015 21:00	17.34	
07/21/2015 00:00	17.12	
07/21/2015 03:00	17.66	
07/21/2015 06:00	16.33	
07/21/2015 09:00	15.14	
07/21/2015 12:00	15.84	
07/21/2015 15:00	14.46	
07/21/2015 18:00	14.33	
07/21/2015 21:00	15.59	
07/22/2015 00:00	15.16	
07/22/2015 03:00	16.19	
07/22/2015 06:00	16.17	
07/22/2015 09:00	15.71	
07/22/2015 12:00	15.96	
07/22/2015 15:00	14.11	
07/22/2015 18:00	18.54	
07/22/2015 21:00	16.37	
07/23/2015 00:00	20.84	
07/23/2015 03:00	17.38	
07/23/2015 06:00	19.11	
07/23/2015 09:00	19.32	
07/23/2015 12:00	23.65	
07/23/2015 15:00	18.94	
07/23/2015 18:00	21.77	
07/23/2015 21:00	21.59	
07/24/2015 00:00	18.84	
07/24/2015 03:00	19.08	
07/24/2015 06:00	17.51	
07/24/2015 09:00	15.18	
07/24/2015 12:00	16.18	
07/24/2015 15:00	16.79	
07/24/2015 18:00	16.25	
07/24/2015 21:00	14.28	
07/25/2015 00:00	19.17	
07/25/2015 03:00	19.32	
07/25/2015 06:00	17.43	
07/25/2015 09:00	18.16	
07/25/2015 12:00	18.02	
07/25/2015 15:00	16.28	
07/25/2015 18:00	16.35	
07/25/2015 21:00	17.09	
07/26/2015 00:00	18.86	
07/26/2015 03:00	19.64	
07/26/2015 06:00	19.53	
07/26/2015 09:00	19.54	
07/26/2015 12:00	18.56	

Emissions Limits:
28.36 LBS/Hr
124.23 Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
07/26/2015 15:00	18.29	
07/26/2015 18:00	17.65	
07/26/2015 21:00	16.55	
07/27/2015 00:00	14.96	
07/27/2015 03:00	14.13	
07/27/2015 06:00	17.47	
07/27/2015 09:00	14.39	
07/27/2015 12:00	13.29	
07/27/2015 15:00	14.97	
07/27/2015 18:00	16.47	
07/27/2015 21:00	15.78	
07/28/2015 00:00	17.03	
07/28/2015 03:00	16.79	
07/28/2015 06:00	17.87	
07/28/2015 09:00	16.12	
07/28/2015 12:00	15.72	
07/28/2015 15:00	17.10	
07/28/2015 18:00	18.85	
07/28/2015 21:00	20.76	
07/29/2015 00:00	17.72	
07/29/2015 03:00	13.69	
07/29/2015 06:00	15.28	
07/29/2015 09:00	17.99	
07/29/2015 12:00	16.10	
07/29/2015 15:00	16.62	
07/29/2015 18:00	16.24	
07/29/2015 21:00	17.89	
07/30/2015 00:00	19.85	
07/30/2015 03:00	20.49	
07/30/2015 06:00	17.99	
07/30/2015 09:00	15.30	
07/30/2015 12:00	16.52	
07/30/2015 15:00	15.71	
07/30/2015 18:00	16.11	
07/30/2015 21:00	16.42	
07/31/2015 00:00	17.04	
07/31/2015 03:00	17.10	
07/31/2015 06:00	18.93	
07/31/2015 09:00	19.36	
07/31/2015 12:00	16.14	
07/31/2015 15:00	18.80	
07/31/2015 18:00	16.55	
07/31/2015 21:00	16.62	
08/01/2015 00:00	16.74	
08/01/2015 03:00	17.08	
08/01/2015 06:00	16.95	
08/01/2015 09:00	16.82	
08/01/2015 12:00	17.01	
08/01/2015 15:00	15.59	
08/01/2015 18:00	17.04	
08/01/2015 21:00	17.13	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
08/02/2015 00:00	17.38	
08/02/2015 03:00	17.38	
08/02/2015 06:00	20.09	
08/02/2015 09:00	17.56	
08/02/2015 12:00	18.02	
08/02/2015 15:00	18.19	
08/02/2015 18:00	17.69	
08/02/2015 21:00	17.60	
08/03/2015 00:00	17.48	
08/03/2015 03:00	20.55	
08/03/2015 06:00	17.71	
08/03/2015 09:00	16.87	
08/03/2015 12:00	18.59	
08/03/2015 15:00	19.33	
08/03/2015 18:00	18.96	
08/03/2015 21:00	16.35	
08/04/2015 00:00	17.86	
08/04/2015 03:00	17.25	
08/04/2015 06:00	14.24	
08/04/2015 09:00	15.13	
08/04/2015 12:00	15.08	
08/04/2015 15:00	16.77	
08/04/2015 18:00	15.99	
08/04/2015 21:00	16.91	
08/05/2015 00:00	15.61	
08/05/2015 03:00	15.28	
08/05/2015 06:00	13.58	
08/05/2015 09:00	12.02	
08/05/2015 12:00	13.11	
08/05/2015 15:00	23.22	
08/05/2015 18:00	21.58	
08/05/2015 21:00	21.27	
08/06/2015 00:00	14.71	
08/06/2015 03:00	0.00	
08/06/2015 06:00	0.00	
08/06/2015 09:00	0.00	
08/06/2015 12:00	0.16	
08/06/2015 15:00	1.06	
08/06/2015 18:00	0.00	
08/06/2015 21:00	0.00	
08/07/2015 00:00	2.44	
08/07/2015 03:00	20.14	
08/07/2015 06:00	17.74	
08/07/2015 09:00	16.90	
08/07/2015 12:00	15.14	
08/07/2015 15:00	16.03	
08/07/2015 18:00	14.33	
08/07/2015 21:00	13.01	
08/08/2015 00:00	16.07	
08/08/2015 03:00	17.14	
08/08/2015 06:00	16.62	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
08/08/2015 09:00	15.01	
08/08/2015 12:00	14.17	
08/08/2015 15:00	12.74	
08/08/2015 18:00	17.15	
08/08/2015 21:00	19.50	
08/09/2015 00:00	19.39	
08/09/2015 03:00	19.42	
08/09/2015 06:00	17.62	
08/09/2015 09:00	19.38	
08/09/2015 12:00	18.16	
08/09/2015 15:00	17.72	
08/09/2015 18:00	19.25	
08/09/2015 21:00	18.69	
08/10/2015 00:00	16.49	
08/10/2015 03:00	16.86	
08/10/2015 06:00	17.51	
08/10/2015 09:00	17.46	
08/10/2015 12:00	18.47	
08/10/2015 15:00	17.50	
08/10/2015 18:00	14.42	
08/10/2015 21:00	12.58	
08/11/2015 00:00	12.68	
08/11/2015 03:00	13.74	
08/11/2015 06:00	14.82	
08/11/2015 09:00	13.70	
08/11/2015 12:00	16.54	
08/11/2015 15:00	15.36	
08/11/2015 18:00	15.99	
08/11/2015 21:00	16.58	
08/12/2015 00:00	16.08	
08/12/2015 03:00	15.34	
08/12/2015 06:00	16.69	
08/12/2015 09:00	14.57	
08/12/2015 12:00	13.50	
08/12/2015 15:00	15.23	
08/12/2015 18:00	15.09	
08/12/2015 21:00	19.09	
08/13/2015 00:00	17.06	
08/13/2015 03:00	16.99	
08/13/2015 06:00	16.79	
08/13/2015 09:00	15.56	
08/13/2015 12:00	16.88	
08/13/2015 15:00	17.37	
08/13/2015 18:00	18.57	
08/13/2015 21:00	17.51	
08/14/2015 00:00	16.69	
08/14/2015 03:00	15.29	
08/14/2015 06:00	15.85	
08/14/2015 09:00	13.90	
08/14/2015 12:00	13.10	
08/14/2015 15:00	11.86	

NOx
Excess Emissions Report
3-Hour Block Averages

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
08/14/2015 18:00	11.53	
08/14/2015 21:00	13.88	
08/15/2015 00:00	14.03	
08/15/2015 03:00	15.16	
08/15/2015 06:00	14.79	
08/15/2015 09:00	14.73	
08/15/2015 12:00	16.18	
08/15/2015 15:00	14.45	
08/15/2015 18:00	13.11	
08/15/2015 21:00	15.69	
08/16/2015 00:00	16.12	
08/16/2015 03:00	20.66	
08/16/2015 06:00	15.78	
08/16/2015 09:00	14.85	
08/16/2015 12:00	14.57	
08/16/2015 15:00	17.88	
08/16/2015 18:00	15.24	
08/16/2015 21:00	14.99	
08/17/2015 00:00	1.22	
08/17/2015 03:00	2.67	
08/17/2015 06:00	5.87	
08/17/2015 09:00	9.58	
08/17/2015 12:00	13.68	
08/17/2015 15:00	17.76	
08/17/2015 18:00	20.08	
08/17/2015 21:00	15.27	
08/18/2015 00:00	17.39	
08/18/2015 03:00	16.87	
08/18/2015 06:00	14.47	
08/18/2015 09:00	16.17	
08/18/2015 12:00	15.73	
08/18/2015 15:00	18.82	
08/18/2015 18:00	17.62	
08/18/2015 21:00	19.22	
08/19/2015 00:00	20.06	
08/19/2015 03:00	19.57	
08/19/2015 06:00	18.57	
08/19/2015 09:00	16.15	
08/19/2015 12:00	13.33	
08/19/2015 15:00	16.50	
08/19/2015 18:00	14.59	
08/19/2015 21:00	15.38	
08/20/2015 00:00	15.45	
08/20/2015 03:00	16.21	
08/20/2015 06:00	14.84	
08/20/2015 09:00	12.18	
08/20/2015 12:00	12.54	
08/20/2015 15:00	12.49	
08/20/2015 18:00	14.23	
08/20/2015 21:00	13.94	
08/21/2015 00:00	13.12	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
08/21/2015 03:00	11.66	
08/21/2015 06:00	13.37	
08/21/2015 09:00	13.78	
08/21/2015 12:00	12.50	
08/21/2015 15:00	13.09	
08/21/2015 18:00	15.23	
08/21/2015 21:00	14.63	
08/22/2015 00:00	13.12	
08/22/2015 03:00	15.69	
08/22/2015 06:00	14.51	
08/22/2015 09:00	13.46	
08/22/2015 12:00	13.36	
08/22/2015 15:00	15.87	
08/22/2015 18:00	15.60	
08/22/2015 21:00	13.91	
08/23/2015 00:00	19.00	
08/23/2015 03:00	15.63	
08/23/2015 06:00	12.51	
08/23/2015 09:00	0.83	
08/23/2015 12:00	0.00	
08/23/2015 15:00	0.00	
08/23/2015 18:00	0.00	
08/23/2015 21:00	0.00	
08/24/2015 00:00	0.00	
08/24/2015 03:00	0.00	
08/24/2015 06:00	0.00	
08/24/2015 09:00	0.00	
08/24/2015 12:00	0.00	
08/24/2015 15:00	0.00	
08/24/2015 18:00	0.00	
08/24/2015 21:00	0.00	
08/25/2015 00:00	0.00	
08/25/2015 03:00	0.00	
08/25/2015 06:00	0.00	
08/25/2015 09:00	0.00	
08/25/2015 12:00	0.00	
08/29/2015 09:00	0.00	
08/29/2015 12:00	0.00	
08/29/2015 15:00	0.00	
08/29/2015 18:00	0.00	
09/03/2015 15:00	0.00	
09/03/2015 18:00	0.00	
09/03/2015 21:00	0.00	
09/04/2015 00:00	0.00	
09/04/2015 03:00	0.00	
09/04/2015 06:00	0.00	
09/04/2015 09:00	0.54	
09/04/2015 12:00	0.31	
09/04/2015 15:00	1.03	
09/04/2015 18:00	0.00	
09/04/2015 21:00	0.00	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
09/05/2015 00:00	0.28	
09/05/2015 03:00	1.76	
09/05/2015 06:00	2.77	
09/05/2015 09:00	4.84	
09/05/2015 12:00	5.85	
09/05/2015 15:00	6.38	
09/05/2015 18:00	11.33	
09/05/2015 21:00	17.02	
09/06/2015 00:00	16.78	
09/06/2015 03:00	21.29	
09/06/2015 06:00	22.87	
09/06/2015 09:00	21.51	
09/06/2015 12:00	22.60	
09/06/2015 15:00	20.85	
09/06/2015 18:00	21.03	
09/06/2015 21:00	20.57	
09/07/2015 00:00	20.07	
09/07/2015 03:00	19.98	
09/07/2015 06:00	20.12	
09/07/2015 09:00	20.45	
09/07/2015 12:00	17.93	
09/07/2015 15:00	19.16	
09/07/2015 18:00	18.35	
09/07/2015 21:00	17.36	
09/08/2015 00:00	18.24	
09/08/2015 03:00	20.04	
09/08/2015 06:00	18.92	
09/08/2015 09:00	17.48	
09/08/2015 12:00	16.80	
09/08/2015 15:00	18.56	
09/08/2015 18:00	17.68	
09/08/2015 21:00	17.42	
09/09/2015 00:00	20.46	
09/09/2015 03:00	18.44	
09/09/2015 06:00	17.59	
09/09/2015 09:00	13.62	
09/09/2015 12:00	18.60	
09/09/2015 15:00	14.71	
09/09/2015 18:00	18.99	
09/09/2015 21:00	19.89	
09/10/2015 00:00	19.98	
09/10/2015 03:00	19.97	
09/10/2015 06:00	18.91	
09/10/2015 09:00	16.86	
09/10/2015 12:00	16.24	
09/10/2015 15:00	16.64	
09/10/2015 18:00	14.98	
09/10/2015 21:00	14.22	
09/11/2015 00:00	14.13	
09/11/2015 03:00	13.17	
09/11/2015 06:00	12.96	

**NOx
Excess Emissions Report
3-Hour Block Averages**

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
09/11/2015 09:00	12.57	
09/11/2015 12:00	13.74	
09/11/2015 15:00	14.80	
09/11/2015 18:00	16.08	
09/11/2015 21:00	16.96	
09/12/2015 00:00	16.37	
09/12/2015 03:00	16.14	
09/12/2015 06:00	16.15	
09/12/2015 09:00	16.27	
09/12/2015 12:00	19.02	
09/12/2015 15:00	16.46	
09/12/2015 18:00	16.15	
09/12/2015 21:00	18.04	
09/13/2015 00:00	16.17	
09/13/2015 03:00	16.70	
09/13/2015 06:00	18.46	
09/13/2015 09:00	18.01	
09/13/2015 12:00	17.59	
09/13/2015 15:00	18.65	
09/13/2015 18:00	18.87	
09/13/2015 21:00	19.16	
09/14/2015 00:00	14.63	
09/14/2015 03:00	15.23	
09/14/2015 06:00	14.87	
09/14/2015 09:00	14.10	
09/14/2015 12:00	17.84	
09/14/2015 15:00	21.60	
09/14/2015 18:00	20.64	
09/14/2015 21:00	20.94	
09/15/2015 00:00	20.28	
09/15/2015 03:00	19.16	
09/15/2015 06:00	19.98	
09/15/2015 09:00	20.37	
09/15/2015 12:00	22.06	
09/15/2015 15:00	22.69	
09/15/2015 18:00	22.03	
09/15/2015 21:00	21.50	
09/16/2015 00:00	21.41	
09/16/2015 03:00	20.74	
09/16/2015 06:00	18.53	
09/16/2015 09:00	17.09	
09/16/2015 12:00	14.90	
09/16/2015 15:00	18.12	
09/16/2015 18:00	19.56	
09/16/2015 21:00	20.35	
09/17/2015 00:00	21.80	
09/17/2015 03:00	21.90	
09/17/2015 06:00	21.60	
09/17/2015 09:00	22.49	
09/17/2015 12:00	17.40	
09/17/2015 15:00	15.15	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
09/17/2015 18:00	17.15	
09/17/2015 21:00	19.94	
09/18/2015 00:00	19.99	
09/18/2015 03:00	19.12	
09/18/2015 06:00	17.62	
09/18/2015 09:00	15.90	
09/18/2015 12:00	16.98	
09/18/2015 15:00	18.62	
09/18/2015 18:00	19.29	
09/18/2015 21:00	19.69	
09/19/2015 00:00	24.08	
09/19/2015 03:00	24.06	
09/19/2015 06:00	22.91	
09/19/2015 09:00	20.29	
09/19/2015 12:00	20.21	
09/19/2015 15:00	20.32	
09/19/2015 18:00	20.57	
09/19/2015 21:00	24.15	
09/20/2015 00:00	23.24	
09/20/2015 03:00	22.40	
09/20/2015 06:00	19.34	
09/20/2015 09:00	19.87	
09/20/2015 12:00	16.90	
09/20/2015 15:00	16.93	
09/20/2015 18:00	15.91	
09/20/2015 21:00	20.17	
09/21/2015 00:00	21.60	
09/21/2015 03:00	23.23	
09/21/2015 06:00	18.72	
09/21/2015 09:00	16.29	
09/21/2015 12:00	15.89	
09/21/2015 15:00	18.03	
09/21/2015 18:00	17.35	
09/21/2015 21:00	20.36	
09/22/2015 00:00	20.93	
09/22/2015 03:00	19.86	
09/22/2015 06:00	19.53	
09/22/2015 09:00	16.15	
09/22/2015 12:00	20.59	
09/22/2015 15:00	13.45	
09/22/2015 18:00	14.72	
09/22/2015 21:00	14.59	
09/23/2015 00:00	15.21	
09/23/2015 03:00	14.49	
09/23/2015 06:00	18.04	
09/23/2015 09:00	20.89	
09/23/2015 12:00	21.25	
09/23/2015 15:00	19.42	
09/23/2015 18:00	21.58	
09/23/2015 21:00	18.86	
09/24/2015 00:00	21.11	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

**NOx
Excess Emissions Report
3-Hour Block Averages**

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
09/24/2015 03:00	19.30	
09/24/2015 06:00	20.72	
09/24/2015 09:00	16.55	
09/24/2015 12:00	17.13	
09/24/2015 15:00	17.95	
09/24/2015 18:00	15.75	
09/24/2015 21:00	15.55	
09/25/2015 00:00	18.36	
09/25/2015 03:00	17.83	
09/25/2015 06:00	19.99	
09/25/2015 09:00	18.95	
09/25/2015 12:00	18.25	
09/25/2015 15:00	13.62	
09/25/2015 18:00	15.64	
09/25/2015 21:00	16.50	
09/26/2015 00:00	16.44	
09/26/2015 03:00	17.71	
09/26/2015 06:00	17.62	
09/26/2015 09:00	19.26	
09/26/2015 12:00	20.36	
09/26/2015 15:00	17.94	
09/26/2015 18:00	18.33	
09/26/2015 21:00	15.07	
09/27/2015 00:00	16.47	
09/27/2015 03:00	15.67	
09/27/2015 06:00	17.11	
09/27/2015 09:00	14.80	
09/27/2015 12:00	10.65	
09/27/2015 15:00	13.31	
09/27/2015 18:00	12.84	
09/27/2015 21:00	15.26	
09/28/2015 00:00	13.29	
09/28/2015 03:00	11.40	
09/28/2015 06:00	13.58	
09/28/2015 09:00	15.94	
09/28/2015 12:00	16.74	
09/28/2015 15:00	17.94	
09/28/2015 18:00	20.96	
09/28/2015 21:00	18.30	
09/29/2015 00:00	15.36	
09/29/2015 03:00	16.22	
09/29/2015 06:00	17.64	
09/29/2015 09:00	17.13	
09/29/2015 12:00	17.60	
09/29/2015 15:00	17.49	
09/29/2015 18:00	17.98	
09/29/2015 21:00	16.86	
09/30/2015 00:00	18.48	
09/30/2015 03:00	18.08	
09/30/2015 06:00	18.36	
09/30/2015 09:00	17.95	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
09/30/2015 12:00	16.87	
09/30/2015 15:00	13.18	
09/30/2015 18:00	13.30	
09/30/2015 21:00	14.54	

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Jul-15	07:35 AM	07:57 AM	22	Calibration Check	13-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
02-Jul-15	06:02 AM	06:24 AM	22	Calibration Check	14-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
03-Jul-15	06:35 AM	06:56 AM	21	Calibration Check	15-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
04-Jul-15	06:35 AM	06:56 AM	21	Calibration Check	16-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
05-Jul-15	06:35 AM	06:56 AM	21	Calibration Check	17-Aug-15	07:49 AM	08:04 AM	15	Calibration Check
06-Jul-15	06:44 AM	07:06 AM	22	Calibration Check	18-Aug-15	06:10 AM	06:31 AM	21	Calibration Check
07-Jul-15	06:32 AM	06:53 AM	21	Calibration Check	19-Aug-15	06:00 AM	06:21 AM	21	Calibration Check
08-Jul-15	06:28 AM	06:50 AM	22	Calibration Check	20-Aug-15	06:14 AM	06:35 AM	21	Calibration Check
09-Jul-15	07:03 AM	07:24 AM	21	Calibration Check	21-Aug-15	06:27 AM	06:49 AM	22	Calibration Check
10-Jul-15	07:18 AM	07:39 AM	21	Calibration Check	22-Aug-15	08:42 AM	08:57 AM	15	Calibration Check
11-Jul-15	06:35 AM	06:57 AM	22	Calibration Check	23-Aug-15	07:22 AM	07:30 AM	8	Calibration Check
12-Jul-15	05:38 AM	05:59 AM	21	Calibration Check	24-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
13-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	25-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
14-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	26-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
15-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	27-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
16-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	30-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
17-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	31-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
18-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	03-Sep-15	06:39 PM	07:00 PM	21	Calibration Check
19-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	04-Sep-15	10:05 AM	10:26 AM	21	Calibration Check
20-Jul-15	06:19 AM	06:41 AM	22	Calibration Check	05-Sep-15	07:15 AM	07:23 AM	8	Calibration Check
21-Jul-15	06:00 AM	06:21 AM	21	Calibration Check	06-Sep-15	10:34 AM	10:56 AM	22	Calibration Check
22-Jul-15	06:42 AM	07:04 AM	22	Calibration Check	07-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
23-Jul-15	06:29 AM	06:51 AM	22	Calibration Check	08-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
24-Jul-15	06:25 AM	06:46 AM	21	Calibration Check	09-Sep-15	06:51 AM	07:12 AM	21	Calibration Check
25-Jul-15	09:51 AM	10:13 AM	22	Calibration Check	10-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
26-Jul-15	06:56 AM	07:18 AM	22	Calibration Check	11-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
27-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	12-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
28-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	13-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
29-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	14-Sep-15	06:19 AM	06:41 AM	22	Calibration Check
30-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	15-Sep-15	06:27 AM	06:49 AM	22	Calibration Check
31-Jul-15	06:20 AM	06:41 AM	21	Calibration Check	16-Sep-15	05:35 AM	05:56 AM	21	Calibration Check
01-Aug-15	06:20 AM	06:41 AM	21	Calibration Check	17-Sep-15	07:20 AM	07:41 AM	21	Calibration Check
02-Aug-15	06:17 AM	06:39 AM	22	Calibration Check	18-Sep-15	06:33 AM	06:55 AM	22	Calibration Check
03-Aug-15	06:20 AM	06:41 AM	21	Calibration Check	19-Sep-15	07:09 AM	07:31 AM	22	Calibration Check
04-Aug-15	06:29 AM	06:50 AM	21	Calibration Check	20-Sep-15	07:05 AM	07:27 AM	22	Calibration Check
05-Aug-15	06:42 AM	07:03 AM	21	Calibration Check	21-Sep-15	06:45 AM	06:59 AM	14	Calibration Check
06-Aug-15	06:36 AM	06:57 AM	21	Calibration Check	22-Sep-15	06:35 AM	06:56 AM	21	Calibration Check
07-Aug-15	06:23 AM	06:45 AM	22	Calibration Check	23-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
08-Aug-15	06:20 AM	06:41 AM	21	Calibration Check	24-Sep-15	05:42 AM	06:04 AM	22	Calibration Check
09-Aug-15	06:54 AM	07:08 AM	14	Calibration Check	25-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
10-Aug-15	06:26 AM	06:40 AM	14	Calibration Check	26-Sep-15	06:48 AM	07:10 AM	22	Calibration Check
10-Aug-15	06:46 AM	07:07 AM	21		27-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
11-Aug-15	06:20 AM	06:41 AM	21	Calibration Check	28-Sep-15	07:37 AM	07:48 AM	11	Calibration Check
12-Aug-15	06:20 AM	06:41 AM	21	Calibration Check	29-Sep-15	07:22 AM	07:33 AM	11	Calibration Check
					30-Sep-15	06:39 AM	07:01 AM	22	Calibration Check
			Minutes					Minutes	
			922					890	
Total minutes for quality assurance:									
			Minutes						
			1812						

California Analytical Instruments
Model: 600-CLD
SN: U12052

Heritage Thermal Services
3rd Quarter 2015

**NOX Monitor
Preventative
Maintenance**

California Analytical Instruments
Model: 600-CLD
SN: U12052

Date	Duration	Activity
TOTAL		
(e.g., blowback, manual adjustment to monitors, etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
Summary

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Date	MAXIMUM LB/MMBTU	Duration (min)	Reason	Corrective Action
07/08/2015 16:35	40.2	187	Mallfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing
		187	Total Minutes	
			Total Emissions for the Quarter	
		2505	(LBS)	
		1.25	(Tons)	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

	Date	LB/HR	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	07/08/2015 16:35	11.35	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
2	07/08/2015 16:36	11.41	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
3	07/08/2015 16:37	11.47	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
4	07/08/2015 16:38	11.53	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
5	07/08/2015 16:39	11.59	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
6	07/08/2015 16:40	11.66	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
7	07/08/2015 16:41	11.73	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
8	07/08/2015 16:42	11.80	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
9	07/08/2015 16:43	11.86	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
10	07/08/2015 16:44	11.93	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
11	07/08/2015 16:45	12.00	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
12	07/08/2015 16:46	12.08	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
13	07/08/2015 16:47	12.15	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
14	07/08/2015 16:48	12.22	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
15	07/08/2015 16:49	12.28	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
16	07/08/2015 16:50	12.34	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
17	07/08/2015 16:51	12.40	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
18	07/08/2015 16:52	12.46	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
19	07/08/2015 16:53	12.52	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
20	07/08/2015 16:54	12.60	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
21	07/08/2015 16:55	12.67	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
22	07/08/2015 16:56	12.76	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
23	07/08/2015 16:57	12.85	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
24	07/08/2015 16:58	12.94	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
25	07/08/2015 16:59	13.03	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
26	07/08/2015 17:00	13.13	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
27	07/08/2015 17:01	13.23	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
28	07/08/2015 17:02	13.34	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
29	07/08/2015 17:03	13.43	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
30	07/08/2015 17:04	13.52	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
31	07/08/2015 17:05	13.61	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
32	07/08/2015 17:06	13.69	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
33	07/08/2015 17:07	13.76	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
34	07/08/2015 17:08	13.84	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
35	07/08/2015 17:09	13.94	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
36	07/08/2015 17:10	14.04	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
37	07/08/2015 17:11	14.14	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
38	07/08/2015 17:12	14.25	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
39	07/08/2015 17:13	14.36	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
40	07/08/2015 17:14	14.48	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
41	07/08/2015 17:15	14.60	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
42	07/08/2015 17:16	14.71	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
43	07/08/2015 17:17	14.83	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
44	07/08/2015 17:18	14.92	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
45	07/08/2015 17:19	15.34	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
46	07/08/2015 17:20	15.72	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
47	07/08/2015 17:21	16.08	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
48	07/08/2015 17:22	16.47	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
49	07/08/2015 17:23	16.90	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
50	07/08/2015 17:24	17.02	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
51	07/08/2015 17:25	17.14	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
52	07/08/2015 17:26	17.28	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
53	07/08/2015 17:27	17.43	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
54	07/08/2015 17:28	17.59	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
55	07/08/2015 17:29	17.74	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
56	07/08/2015 17:30	17.89	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
57	07/08/2015 17:31	18.03	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
58	07/08/2015 17:32	18.15	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX Excess Emissions Report

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

	Date	LB/Hr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
59	07/08/2015 17:33	18.25	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
60	07/08/2015 17:34	18.37	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
61	07/08/2015 17:35	18.48	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
62	07/08/2015 17:36	18.63	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
63	07/08/2015 17:37	18.80	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
64	07/08/2015 17:38	18.97	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
65	07/08/2015 17:39	19.16	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
66	07/08/2015 17:40	19.36	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
67	07/08/2015 17:41	19.57	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
68	07/08/2015 17:42	19.78	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
69	07/08/2015 17:43	19.99	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
70	07/08/2015 17:44	20.19	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
71	07/08/2015 17:45	20.33	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
72	07/08/2015 17:46	20.48	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
73	07/08/2015 17:47	20.64	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
74	07/08/2015 17:48	20.79	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
75	07/08/2015 17:49	20.98	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
76	07/08/2015 17:50	21.21	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
77	07/08/2015 17:51	21.46	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
78	07/08/2015 17:52	21.72	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
79	07/08/2015 17:53	22.46	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
80	07/08/2015 17:54	23.17	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
81	07/08/2015 17:55	23.85	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
82	07/08/2015 17:56	24.51	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
83	07/08/2015 17:57	25.14	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
84	07/08/2015 17:58	25.75	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
85	07/08/2015 17:59	26.34	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
86	07/08/2015 18:00	26.90	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
87	07/08/2015 18:01	27.37	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
88	07/08/2015 18:02	27.69	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
89	07/08/2015 18:03	28.01	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
90	07/08/2015 18:04	28.38	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
91	07/08/2015 18:05	28.77	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
92	07/08/2015 18:06	29.18	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
93	07/08/2015 18:07	29.61	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
94	07/08/2015 18:08	30.03	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
95	07/08/2015 18:09	30.42	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
96	07/08/2015 18:10	30.81	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
97	07/08/2015 18:11	31.20	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
98	07/08/2015 18:12	31.57	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
99	07/08/2015 18:13	31.95	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
100	07/08/2015 18:14	32.41	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
101	07/08/2015 18:15	32.90	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
102	07/08/2015 18:16	33.41	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
103	07/08/2015 18:17	33.93	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
104	07/08/2015 18:18	34.48	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
105	07/08/2015 18:19	35.05	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
106	07/08/2015 18:20	35.62	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
107	07/08/2015 18:21	36.11	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
108	07/08/2015 18:22	36.37	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
109	07/08/2015 18:23	36.87	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
110	07/08/2015 18:24	37.42	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
111	07/08/2015 18:25	37.97	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
112	07/08/2015 18:26	38.51	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
113	07/08/2015 18:27	39.02	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
114	07/08/2015 18:28	39.46	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
115	07/08/2015 18:29	39.77	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
116	07/08/2015 18:30	40.00	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX Excess Emissions Report

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

	Date	LB/HR	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
117	07/08/2015 18:31	40.16	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
118	07/08/2015 18:32	39.69	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
119	07/08/2015 18:33	39.05	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
120	07/08/2015 18:34	38.36	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
121	07/08/2015 18:35	37.73	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
122	07/08/2015 18:36	37.30	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
123	07/08/2015 18:37	36.62	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
124	07/08/2015 18:38	35.93	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
125	07/08/2015 18:39	35.25	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
126	07/08/2015 18:40	34.59	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
127	07/08/2015 18:41	33.97	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
128	07/08/2015 18:42	33.39	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Retention	Yes	No
129	07/08/2015 18:43	32.84	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
130	07/08/2015 18:44	32.29	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
131	07/08/2015 18:45	31.77	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
132	07/08/2015 18:46	31.26	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
133	07/08/2015 18:47	30.77	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
134	07/08/2015 18:48	30.30	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
135	07/08/2015 18:49	29.84	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
136	07/08/2015 18:50	29.38	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
137	07/08/2015 18:51	28.95	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
138	07/08/2015 18:52	28.55	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
139	07/08/2015 18:53	28.16	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
140	07/08/2015 18:54	27.79	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
141	07/08/2015 18:55	27.29	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
142	07/08/2015 18:56	26.79	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
143	07/08/2015 18:57	26.20	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
144	07/08/2015 18:58	25.52	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
145	07/08/2015 18:59	24.83	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
146	07/08/2015 19:00	24.17	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
147	07/08/2015 19:01	23.49	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
148	07/08/2015 19:02	23.17	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
149	07/08/2015 19:03	22.85	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
150	07/08/2015 19:04	22.53	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
151	07/08/2015 19:05	22.23	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
152	07/08/2015 19:06	21.94	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
153	07/08/2015 19:07	21.65	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
154	07/08/2015 19:08	21.39	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
155	07/08/2015 19:09	21.09	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
156	07/08/2015 19:10	20.75	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
157	07/08/2015 19:11	20.36	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
158	07/08/2015 19:12	19.91	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
159	07/08/2015 19:13	19.40	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
160	07/08/2015 19:14	18.87	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
161	07/08/2015 19:15	18.33	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
162	07/08/2015 19:16	17.76	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
163	07/08/2015 19:17	17.18	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
164	07/08/2015 19:18	16.59	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
165	07/08/2015 19:19	15.97	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
166	07/08/2015 19:20	15.33	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
167	07/08/2015 19:21	14.69	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
168	07/08/2015 19:22	14.07	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
169	07/08/2015 19:23	13.89	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
170	07/08/2015 19:24	13.70	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
171	07/08/2015 19:25	13.53	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
172	07/08/2015 19:26	13.36	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
173	07/08/2015 19:27	13.20	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
174	07/08/2015 19:28	13.04	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

	Date	LB/HR	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
175	07/08/2015 19:29	12.89	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
176	07/08/2015 19:30	12.75	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
177	07/08/2015 19:31	12.62	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
178	07/08/2015 19:32	12.49	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
179	07/08/2015 19:33	12.38	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
180	07/08/2015 19:34	12.28	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
181	07/08/2015 19:35	12.17	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
182	07/08/2015 19:36	12.05	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
183	07/08/2015 19:37	11.94	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
184	07/08/2015 19:38	11.83	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
185	07/08/2015 19:39	11.70	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
186	07/08/2015 19:40	11.57	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
187	07/08/2015 19:41	11.44	Malfunction - Scrubber Maintenance	Shutdown unit. Cleaned packing	Waste	Yes	No
		187	Total Minutes in Exceedance				
		1	Number of Events				
			Total Emissions for the Quarter				
		2505	(LBS)				
		1.25	(Tons)				

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
07/01/2015 03:00	0.36	
07/01/2015 06:00	2.93	
07/01/2015 09:00	1.67	
07/01/2015 12:00	1.06	
07/01/2015 15:00	3.09	
07/01/2015 18:00	4.70	
07/01/2015 21:00	3.39	
07/02/2015 00:00	1.75	
07/02/2015 03:00	2.46	
07/02/2015 06:00	0.86	
07/02/2015 09:00	2.14	
07/02/2015 12:00	2.09	
07/02/2015 15:00	0.61	
07/02/2015 18:00	0.47	
07/02/2015 21:00	0.20	
07/03/2015 00:00	2.66	
07/03/2015 03:00	3.48	
07/03/2015 06:00	0.63	
07/03/2015 09:00	1.65	
07/03/2015 12:00	3.54	
07/03/2015 15:00	0.14	
07/03/2015 18:00	3.27	
07/03/2015 21:00	5.08	
07/04/2015 00:00	3.99	
07/04/2015 03:00	5.47	
07/04/2015 06:00	4.57	
07/04/2015 09:00	4.32	
07/04/2015 12:00	2.79	
07/04/2015 15:00	2.15	
07/04/2015 18:00	1.47	
07/04/2015 21:00	2.00	
07/05/2015 00:00	0.50	
07/05/2015 03:00	1.08	
07/05/2015 06:00	1.52	
07/05/2015 09:00	5.34	
07/05/2015 12:00	3.02	
07/05/2015 15:00	1.17	
07/05/2015 18:00	3.18	
07/05/2015 21:00	1.87	
07/06/2015 00:00	1.63	
07/06/2015 03:00	1.97	
07/06/2015 06:00	3.03	
07/06/2015 09:00	4.36	
07/06/2015 12:00	2.26	
07/06/2015 15:00	0.97	
07/06/2015 18:00	1.44	
07/06/2015 21:00	1.15	
07/07/2015 00:00	4.77	
07/07/2015 03:00	3.43	
07/07/2015 06:00	1.15	
07/07/2015 09:00	1.42	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
07/07/2015 12:00	1.56	
07/07/2015 15:00	2.64	
07/07/2015 18:00	3.10	
07/07/2015 21:00	2.49	
07/08/2015 00:00	2.81	
07/08/2015 03:00	0.75	
07/08/2015 06:00	2.34	
07/08/2015 09:00	2.00	
07/08/2015 12:00	1.12	
07/08/2015 15:00	2.21	
07/08/2015 18:00	26.90	Malfunction - Scrubber Maintenance
07/08/2015 21:00	2.37	
07/09/2015 00:00	1.66	
07/09/2015 03:00	0.84	
07/09/2015 06:00	0.85	
07/09/2015 09:00	0.93	
07/09/2015 12:00	2.44	
07/09/2015 15:00	2.92	
07/09/2015 18:00	3.80	
07/09/2015 21:00	5.87	
07/10/2015 00:00	4.91	
07/10/2015 03:00	5.79	
07/10/2015 06:00	5.26	
07/10/2015 09:00	4.77	
07/10/2015 12:00	1.23	
07/10/2015 15:00	0.40	
07/10/2015 18:00	0.30	
07/10/2015 21:00	0.16	
07/11/2015 00:00	0.18	
07/11/2015 03:00	0.13	
07/11/2015 06:00	3.02	
07/11/2015 09:00	2.59	
07/11/2015 12:00	0.18	
07/11/2015 15:00	0.93	
07/11/2015 18:00	0.18	
07/11/2015 21:00	0.18	
07/12/2015 00:00	1.14	
07/12/2015 03:00	0.18	
07/12/2015 06:00	0.20	
07/12/2015 09:00	0.93	
07/12/2015 12:00	0.58	
07/12/2015 15:00	1.65	
07/12/2015 18:00	0.70	
07/12/2015 21:00	0.41	
07/13/2015 00:00	0.22	
07/13/2015 03:00	0.13	
07/13/2015 06:00	0.18	
07/13/2015 09:00	0.31	
07/13/2015 12:00	0.27	
07/13/2015 15:00	0.14	
07/13/2015 18:00	0.13	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 431-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
07/13/2015 21:00	0.12	
07/14/2015 00:00	0.13	
07/14/2015 03:00	0.12	
07/14/2015 06:00	2.31	
07/14/2015 09:00	0.19	
07/14/2015 12:00	0.13	
07/14/2015 15:00	0.11	
07/14/2015 18:00	0.21	
07/14/2015 21:00	0.32	
07/15/2015 00:00	0.14	
07/15/2015 03:00	0.13	
07/15/2015 06:00	0.12	
07/15/2015 09:00	0.13	
07/15/2015 12:00	0.16	
07/15/2015 15:00	0.16	
07/15/2015 18:00	0.42	
07/15/2015 21:00	2.49	
07/16/2015 00:00	2.80	
07/16/2015 03:00	0.56	
07/16/2015 06:00	0.23	
07/16/2015 09:00	0.16	
07/16/2015 12:00	0.14	
07/16/2015 15:00	0.30	
07/16/2015 18:00	0.18	
07/16/2015 21:00	0.26	
07/17/2015 00:00	0.22	
07/17/2015 03:00	0.20	
07/17/2015 06:00	0.29	
07/17/2015 09:00	0.20	
07/17/2015 12:00	0.16	
07/17/2015 15:00	0.16	
07/17/2015 18:00	0.14	
07/17/2015 21:00	0.18	
07/18/2015 00:00	0.23	
07/18/2015 03:00	0.19	
07/18/2015 06:00	0.13	
07/18/2015 09:00	0.15	
07/18/2015 12:00	0.30	
07/18/2015 15:00	0.17	
07/18/2015 18:00	0.17	
07/18/2015 21:00	0.23	
07/19/2015 00:00	0.18	
07/19/2015 03:00	0.45	
07/19/2015 06:00	0.20	
07/19/2015 09:00	0.20	
07/19/2015 12:00	0.33	
07/19/2015 15:00	0.12	
07/19/2015 18:00	0.13	
07/19/2015 21:00	0.80	
07/20/2015 00:00	1.21	
07/20/2015 03:00	0.36	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
07/20/2015 06:00	0.14	
07/20/2015 09:00	0.32	
07/20/2015 12:00	0.14	
07/20/2015 15:00	0.43	
07/20/2015 18:00	0.14	
07/20/2015 21:00	0.17	
07/21/2015 00:00	0.14	
07/21/2015 03:00	0.37	
07/21/2015 06:00	0.96	
07/21/2015 09:00	0.15	
07/21/2015 12:00	1.07	
07/21/2015 15:00	1.81	
07/21/2015 18:00	0.17	
07/21/2015 21:00	1.25	
07/22/2015 00:00	0.11	
07/22/2015 03:00	0.13	
07/22/2015 06:00	0.20	
07/22/2015 09:00	0.14	
07/22/2015 12:00	0.13	
07/22/2015 15:00	0.17	
07/22/2015 18:00	0.15	
07/22/2015 21:00	0.17	
07/23/2015 00:00	1.03	
07/23/2015 03:00	0.19	
07/23/2015 06:00	0.18	
07/23/2015 09:00	0.24	
07/23/2015 12:00	0.25	
07/23/2015 15:00	0.25	
07/23/2015 18:00	0.19	
07/23/2015 21:00	0.58	
07/24/2015 00:00	0.15	
07/24/2015 03:00	0.34	
07/24/2015 06:00	1.29	
07/24/2015 09:00	1.32	
07/24/2015 12:00	0.20	
07/24/2015 15:00	0.18	
07/24/2015 18:00	0.43	
07/24/2015 21:00	1.46	
07/25/2015 00:00	0.72	
07/25/2015 03:00	3.30	
07/25/2015 06:00	1.18	
07/25/2015 09:00	2.09	
07/25/2015 12:00	0.91	
07/25/2015 15:00	0.30	
07/25/2015 18:00	0.24	
07/25/2015 21:00	1.42	
07/26/2015 00:00	1.12	
07/26/2015 03:00	2.01	
07/26/2015 06:00	0.70	
07/26/2015 09:00	0.84	
07/26/2015 12:00	3.75	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
07/26/2015 15:00	0.75	
07/26/2015 18:00	0.73	
07/26/2015 21:00	0.57	
07/27/2015 00:00	0.69	
07/27/2015 03:00	0.52	
07/27/2015 06:00	0.15	
07/27/2015 09:00	0.65	
07/27/2015 12:00	0.36	
07/27/2015 15:00	0.72	
07/27/2015 18:00	4.28	
07/27/2015 21:00	3.32	
07/28/2015 00:00	3.84	
07/28/2015 03:00	0.99	
07/28/2015 06:00	1.24	
07/28/2015 09:00	1.34	
07/28/2015 12:00	1.76	
07/28/2015 15:00	3.00	
07/28/2015 18:00	0.29	
07/28/2015 21:00	1.26	
07/29/2015 00:00	1.35	
07/29/2015 03:00	1.78	
07/29/2015 06:00	1.99	
07/29/2015 09:00	1.01	
07/29/2015 12:00	0.28	
07/29/2015 15:00	0.19	
07/29/2015 18:00	0.84	
07/29/2015 21:00	2.22	
07/30/2015 00:00	1.48	
07/30/2015 03:00	0.71	
07/30/2015 06:00	0.28	
07/30/2015 09:00	0.45	
07/30/2015 12:00	1.25	
07/30/2015 15:00	0.63	
07/30/2015 18:00	1.63	
07/30/2015 21:00	0.21	
07/31/2015 00:00	0.15	
07/31/2015 03:00	1.08	
07/31/2015 06:00	0.32	
07/31/2015 09:00	2.69	
07/31/2015 12:00	1.91	
07/31/2015 15:00	1.57	
07/31/2015 18:00	1.57	
07/31/2015 21:00	0.56	
08/01/2015 00:00	1.10	
08/01/2015 03:00	0.69	
08/01/2015 06:00	0.26	
08/01/2015 09:00	3.61	
08/01/2015 12:00	1.10	
08/01/2015 15:00	1.08	
08/01/2015 18:00	0.49	
08/01/2015 21:00	0.39	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
08/02/2015 00:00	1.49	
08/02/2015 03:00	2.47	
08/02/2015 06:00	3.16	
08/02/2015 09:00	2.04	
08/02/2015 12:00	1.52	
08/02/2015 15:00	1.41	
08/02/2015 18:00	3.93	
08/02/2015 21:00	1.68	
08/03/2015 00:00	0.21	
08/03/2015 03:00	1.27	
08/03/2015 06:00	1.31	
08/03/2015 09:00	1.96	
08/03/2015 12:00	1.47	
08/03/2015 15:00	0.45	
08/03/2015 18:00	0.46	
08/03/2015 21:00	1.99	
08/04/2015 00:00	3.88	
08/04/2015 03:00	2.24	
08/04/2015 06:00	2.37	
08/04/2015 09:00	2.12	
08/04/2015 12:00	3.66	
08/04/2015 15:00	0.61	
08/04/2015 18:00	2.63	
08/04/2015 21:00	4.08	
08/05/2015 00:00	4.36	
08/05/2015 03:00	5.10	
08/05/2015 06:00	2.34	
08/05/2015 09:00	3.35	
08/05/2015 12:00	0.66	
08/05/2015 15:00	0.31	
08/05/2015 18:00	0.41	
08/05/2015 21:00	0.24	
08/06/2015 00:00	0.13	
08/06/2015 03:00	0.00	
08/06/2015 06:00	0.00	
08/06/2015 09:00	0.00	
08/06/2015 12:00	0.03	
08/06/2015 15:00	0.24	
08/06/2015 18:00	0.00	
08/06/2015 21:00	0.00	
08/07/2015 00:00	0.37	
08/07/2015 03:00	1.67	
08/07/2015 06:00	0.48	
08/07/2015 09:00	0.22	
08/07/2015 12:00	0.15	
08/07/2015 15:00	0.21	
08/07/2015 18:00	0.16	
08/07/2015 21:00	0.14	
08/08/2015 00:00	0.17	
08/08/2015 03:00	0.51	
08/08/2015 06:00	0.16	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
08/08/2015 09:00	0.33	
08/08/2015 12:00	0.53	
08/08/2015 15:00	0.11	
08/08/2015 18:00	0.22	
08/08/2015 21:00	0.45	
08/09/2015 00:00	0.18	
08/09/2015 03:00	0.17	
08/09/2015 06:00	0.15	
08/09/2015 09:00	0.28	
08/09/2015 12:00	0.40	
08/09/2015 15:00	0.20	
08/09/2015 18:00	0.16	
08/09/2015 21:00	0.16	
08/10/2015 00:00	0.31	
08/10/2015 03:00	0.20	
08/10/2015 06:00	0.18	
08/10/2015 09:00	0.20	
08/10/2015 12:00	0.17	
08/10/2015 15:00	0.15	
08/10/2015 18:00	0.11	
08/10/2015 21:00	0.10	
08/11/2015 00:00	0.11	
08/11/2015 03:00	0.21	
08/11/2015 06:00	0.12	
08/11/2015 09:00	0.83	
08/11/2015 12:00	0.17	
08/11/2015 15:00	0.18	
08/11/2015 18:00	0.13	
08/11/2015 21:00	0.13	
08/12/2015 00:00	0.18	
08/12/2015 03:00	0.14	
08/12/2015 06:00	0.18	
08/12/2015 09:00	0.14	
08/12/2015 12:00	0.11	
08/12/2015 15:00	0.32	
08/12/2015 18:00	0.59	
08/12/2015 21:00	0.18	
08/13/2015 00:00	0.64	
08/13/2015 03:00	0.52	
08/13/2015 06:00	0.48	
08/13/2015 09:00	0.37	
08/13/2015 12:00	0.44	
08/13/2015 15:00	1.08	
08/13/2015 18:00	0.49	
08/13/2015 21:00	0.77	
08/14/2015 00:00	0.37	
08/14/2015 03:00	0.32	
08/14/2015 06:00	0.22	
08/14/2015 09:00	0.19	
08/14/2015 12:00	0.23	
08/14/2015 15:00	0.10	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
08/14/2015 18:00	0.08	
08/14/2015 21:00	0.83	
08/15/2015 00:00	1.74	
08/15/2015 03:00	3.57	
08/15/2015 06:00	2.63	
08/15/2015 09:00	0.15	
08/15/2015 12:00	0.68	
08/15/2015 15:00	0.12	
08/15/2015 18:00	0.41	
08/15/2015 21:00	0.55	
08/16/2015 00:00	0.35	
08/16/2015 03:00	1.55	
08/16/2015 06:00	2.45	
08/16/2015 09:00	3.55	
08/16/2015 12:00	5.14	
08/16/2015 15:00	2.04	
08/16/2015 18:00	1.41	
08/16/2015 21:00	1.96	
08/17/2015 00:00	6.98	
08/17/2015 03:00	0.65	
08/17/2015 06:00	0.05	
08/17/2015 09:00	0.16	
08/17/2015 12:00	0.28	
08/17/2015 15:00	0.76	
08/17/2015 18:00	0.68	
08/17/2015 21:00	0.81	
08/18/2015 00:00	0.63	
08/18/2015 03:00	0.44	
08/18/2015 06:00	0.91	
08/18/2015 09:00	2.34	
08/18/2015 12:00	2.81	
08/18/2015 15:00	2.51	
08/18/2015 18:00	0.92	
08/18/2015 21:00	0.80	
08/19/2015 00:00	0.43	
08/19/2015 03:00	1.44	
08/19/2015 06:00	1.87	
08/19/2015 09:00	1.70	
08/19/2015 12:00	1.65	
08/19/2015 15:00	1.61	
08/19/2015 18:00	1.29	
08/19/2015 21:00	0.99	
08/20/2015 00:00	0.16	
08/20/2015 03:00	1.90	
08/20/2015 06:00	1.68	
08/20/2015 09:00	2.12	
08/20/2015 12:00	2.10	
08/20/2015 15:00	1.49	
08/20/2015 18:00	2.77	
08/20/2015 21:00	3.19	
08/21/2015 00:00	1.12	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
08/21/2015 03:00	0.35	
08/21/2015 06:00	1.55	
08/21/2015 09:00	2.40	
08/21/2015 12:00	1.17	
08/21/2015 15:00	1.41	
08/21/2015 18:00	3.91	
08/21/2015 21:00	4.46	
08/22/2015 00:00	4.02	
08/22/2015 03:00	3.18	
08/22/2015 06:00	4.76	
08/22/2015 09:00	6.17	
08/22/2015 12:00	3.55	
08/22/2015 15:00	1.72	
08/22/2015 18:00	1.53	
08/22/2015 21:00	0.88	
08/23/2015 00:00	0.36	
08/23/2015 03:00	1.25	
08/23/2015 06:00	0.13	
08/23/2015 09:00	0.00	
08/23/2015 12:00	0.00	
08/23/2015 15:00	0.00	
08/23/2015 18:00	0.00	
08/23/2015 21:00	0.00	
08/24/2015 00:00	0.00	
08/24/2015 03:00	0.00	
08/24/2015 06:00	0.00	
08/24/2015 09:00	0.00	
08/24/2015 12:00	0.00	
08/24/2015 15:00	0.00	
08/24/2015 18:00	0.00	
08/24/2015 21:00	0.00	
08/25/2015 00:00	0.00	
08/25/2015 03:00	0.00	
08/25/2015 06:00	0.00	
08/25/2015 09:00	0.00	
08/25/2015 12:00	0.00	
08/29/2015 09:00	0.00	
08/29/2015 12:00	0.00	
08/29/2015 15:00	0.00	
08/29/2015 18:00	0.00	
09/03/2015 15:00	0.00	
09/03/2015 18:00	0.00	
09/03/2015 21:00	0.00	
09/04/2015 00:00	0.00	
09/04/2015 03:00	0.00	
09/04/2015 06:00	0.00	
09/04/2015 09:00	0.06	
09/04/2015 12:00	0.02	
09/04/2015 15:00	0.07	
09/04/2015 18:00	0.00	
09/04/2015 21:00	0.00	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

**SOX
Excess Emissions Report
3-Hour Block Averages**

Thermo Scientific
Model: 431-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
09/05/2015 00:00	0.01	
09/05/2015 03:00	0.07	
09/05/2015 06:00	0.09	
09/05/2015 09:00	0.12	
09/05/2015 12:00	0.10	
09/05/2015 15:00	0.06	
09/05/2015 18:00	0.12	
09/05/2015 21:00	0.21	
09/06/2015 00:00	2.30	
09/06/2015 03:00	1.70	
09/06/2015 06:00	3.24	
09/06/2015 09:00	3.81	
09/06/2015 12:00	0.34	
09/06/2015 15:00	0.24	
09/06/2015 18:00	0.19	
09/06/2015 21:00	0.17	
09/07/2015 00:00	0.16	
09/07/2015 03:00	0.17	
09/07/2015 06:00	0.18	
09/07/2015 09:00	0.69	
09/07/2015 12:00	0.54	
09/07/2015 15:00	0.90	
09/07/2015 18:00	0.80	
09/07/2015 21:00	0.70	
09/08/2015 00:00	0.40	
09/08/2015 03:00	0.31	
09/08/2015 06:00	0.39	
09/08/2015 09:00	0.90	
09/08/2015 12:00	1.00	
09/08/2015 15:00	0.58	
09/08/2015 18:00	0.99	
09/08/2015 21:00	1.75	
09/09/2015 00:00	3.38	
09/09/2015 03:00	0.74	
09/09/2015 06:00	0.13	
09/09/2015 09:00	0.13	
09/09/2015 12:00	2.24	
09/09/2015 15:00	0.87	
09/09/2015 18:00	2.71	
09/09/2015 21:00	0.17	
09/10/2015 00:00	1.23	
09/10/2015 03:00	2.71	
09/10/2015 06:00	5.71	
09/10/2015 09:00	2.50	
09/10/2015 12:00	2.78	
09/10/2015 15:00	1.22	
09/10/2015 18:00	1.68	
09/10/2015 21:00	1.09	
09/11/2015 00:00	0.62	
09/11/2015 03:00	0.52	
09/11/2015 06:00	0.15	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
09/11/2015 09:00	2.52	
09/11/2015 12:00	1.72	
09/11/2015 15:00	0.52	
09/11/2015 18:00	0.23	
09/11/2015 21:00	1.18	
09/12/2015 00:00	1.97	
09/12/2015 03:00	3.33	
09/12/2015 06:00	0.30	
09/12/2015 09:00	0.15	
09/12/2015 12:00	0.14	
09/12/2015 15:00	0.12	
09/12/2015 18:00	0.12	
09/12/2015 21:00	0.14	
09/13/2015 00:00	0.11	
09/13/2015 03:00	0.12	
09/13/2015 06:00	0.21	
09/13/2015 09:00	0.17	
09/13/2015 12:00	0.13	
09/13/2015 15:00	1.39	
09/13/2015 18:00	0.15	
09/13/2015 21:00	0.14	
09/14/2015 00:00	0.17	
09/14/2015 03:00	0.12	
09/14/2015 06:00	0.12	
09/14/2015 09:00	0.14	
09/14/2015 12:00	0.21	
09/14/2015 15:00	0.21	
09/14/2015 18:00	0.17	
09/14/2015 21:00	0.17	
09/15/2015 00:00	0.16	
09/15/2015 03:00	0.16	
09/15/2015 06:00	0.17	
09/15/2015 09:00	0.20	
09/15/2015 12:00	0.12	
09/15/2015 15:00	0.16	
09/15/2015 18:00	0.15	
09/15/2015 21:00	0.15	
09/16/2015 00:00	0.16	
09/16/2015 03:00	0.15	
09/16/2015 06:00	0.15	
09/16/2015 09:00	0.14	
09/16/2015 12:00	0.47	
09/16/2015 15:00	1.68	
09/16/2015 18:00	3.84	
09/16/2015 21:00	3.07	
09/17/2015 00:00	0.42	
09/17/2015 03:00	3.26	
09/17/2015 06:00	1.58	
09/17/2015 09:00	3.80	
09/17/2015 12:00	3.32	
09/17/2015 15:00	0.73	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
09/17/2015 18:00	0.15	
09/17/2015 21:00	0.30	
09/18/2015 00:00	0.17	
09/18/2015 03:00	0.17	
09/18/2015 06:00	0.15	
09/18/2015 09:00	0.17	
09/18/2015 12:00	0.26	
09/18/2015 15:00	0.46	
09/18/2015 18:00	0.21	
09/18/2015 21:00	2.98	
09/19/2015 00:00	2.95	
09/19/2015 03:00	1.45	
09/19/2015 06:00	2.86	
09/19/2015 09:00	2.56	
09/19/2015 12:00	1.30	
09/19/2015 15:00	1.13	
09/19/2015 18:00	1.50	
09/19/2015 21:00	2.51	
09/20/2015 00:00	4.12	
09/20/2015 03:00	3.73	
09/20/2015 06:00	1.85	
09/20/2015 09:00	1.27	
09/20/2015 12:00	3.17	
09/20/2015 15:00	0.67	
09/20/2015 18:00	0.40	
09/20/2015 21:00	2.19	
09/21/2015 00:00	1.10	
09/21/2015 03:00	4.15	
09/21/2015 06:00	1.80	
09/21/2015 09:00	2.98	
09/21/2015 12:00	1.33	
09/21/2015 15:00	1.72	
09/21/2015 18:00	0.01	
09/21/2015 21:00	0.00	
09/22/2015 00:00	0.02	
09/22/2015 03:00	0.00	
09/22/2015 06:00	0.00	
09/22/2015 09:00	0.01	
09/22/2015 12:00	0.00	
09/22/2015 15:00	0.25	
09/22/2015 18:00	0.35	
09/22/2015 21:00	0.00	
09/23/2015 00:00	0.00	
09/23/2015 03:00	0.00	
09/23/2015 06:00	0.01	
09/23/2015 09:00	0.33	
09/23/2015 12:00	0.56	
09/23/2015 15:00	0.49	
09/23/2015 18:00	4.07	
09/23/2015 21:00	5.59	
09/24/2015 00:00	1.30	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
09/24/2015 03:00	0.79	
09/24/2015 06:00	2.08	
09/24/2015 09:00	3.58	
09/24/2015 12:00	2.95	
09/24/2015 15:00	1.89	
09/24/2015 18:00	1.63	
09/24/2015 21:00	1.51	
09/25/2015 00:00	0.07	
09/25/2015 03:00	0.98	
09/25/2015 06:00	0.92	
09/25/2015 09:00	1.66	
09/25/2015 12:00	3.02	
09/25/2015 15:00	4.62	
09/25/2015 18:00	0.93	
09/25/2015 21:00	1.30	
09/26/2015 00:00	3.87	
09/26/2015 03:00	3.18	
09/26/2015 06:00	3.52	
09/26/2015 09:00	6.44	
09/26/2015 12:00	4.28	
09/26/2015 15:00	2.61	
09/26/2015 18:00	4.35	
09/26/2015 21:00	4.88	
09/27/2015 00:00	2.00	
09/27/2015 03:00	5.18	
09/27/2015 06:00	5.13	
09/27/2015 09:00	4.68	
09/27/2015 12:00	1.76	
09/27/2015 15:00	1.26	
09/27/2015 18:00	1.97	
09/27/2015 21:00	0.04	
09/28/2015 00:00	0.36	
09/28/2015 03:00	1.29	
09/28/2015 06:00	3.41	
09/28/2015 09:00	3.62	
09/28/2015 12:00	2.20	
09/28/2015 15:00	1.36	
09/28/2015 18:00	1.19	
09/28/2015 21:00	4.34	
09/29/2015 00:00	1.00	
09/29/2015 03:00	0.04	
09/29/2015 06:00	0.31	
09/29/2015 09:00	0.71	
09/29/2015 12:00	0.53	
09/29/2015 15:00	7.24	
09/29/2015 18:00	1.61	
09/29/2015 21:00	3.62	
09/30/2015 00:00	3.89	
09/30/2015 03:00	4.76	
09/30/2015 06:00	0.93	
09/30/2015 09:00	0.40	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

Thermo Scientific
Model: 431-HL
Serial Numbers:
1027444707

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
09/30/2015 12:00	0.97	
09/30/2015 15:00	0.79	
09/30/2015 18:00	1.65	
09/30/2015 21:00	3.56	

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Jul-15	07:35 AM	07:57 AM	22	Calibration Check		13-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
02-Jul-15	06:02 AM	06:24 AM	22	Calibration Check		14-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
03-Jul-15	06:35 AM	06:56 AM	21	Calibration Check		15-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
04-Jul-15	06:35 AM	06:56 AM	21	Calibration Check		16-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
05-Jul-15	06:35 AM	06:56 AM	21	Calibration Check		17-Aug-15	07:49 AM	08:04 AM	15	Calibration Check
06-Jul-15	06:44 AM	07:06 AM	22	Calibration Check		18-Aug-15	06:10 AM	06:31 AM	21	Calibration Check
07-Jul-15	06:32 AM	06:53 AM	21	Calibration Check		19-Aug-15	06:00 AM	06:21 AM	21	Calibration Check
08-Jul-15	06:28 AM	06:50 AM	22	Calibration Check		20-Aug-15	06:14 AM	06:35 AM	21	Calibration Check
09-Jul-15	07:03 AM	07:24 AM	21	Calibration Check		21-Aug-15	06:27 AM	06:49 AM	22	Calibration Check
10-Jul-15	07:18 AM	07:39 AM	21	Calibration Check		22-Aug-15	08:42 AM	08:57 AM	15	Calibration Check
11-Jul-15	06:35 AM	06:57 AM	22	Calibration Check		23-Aug-15	07:22 AM	07:30 AM	8	Calibration Check
12-Jul-15	05:38 AM	05:59 AM	21	Calibration Check		24-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
13-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		25-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
14-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		26-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
15-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		27-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
16-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		30-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
17-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		31-Aug-15	06:20 AM	06:41 AM	21	Calibration Check
18-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		03-Sep-15	06:39 PM	07:00 PM	21	Calibration Check
19-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		04-Sep-15	10:05 AM	10:26 AM	21	Calibration Check
20-Jul-15	06:19 AM	06:41 AM	22	Calibration Check		05-Sep-15	07:15 AM	07:23 AM	8	Calibration Check
21-Jul-15	06:00 AM	06:21 AM	21	Calibration Check		06-Sep-15	10:34 AM	10:56 AM	22	Calibration Check
22-Jul-15	06:42 AM	07:04 AM	22	Calibration Check		07-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
23-Jul-15	06:29 AM	06:51 AM	22	Calibration Check		08-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
24-Jul-15	06:25 AM	06:46 AM	21	Calibration Check		09-Sep-15	06:51 AM	07:12 AM	21	Calibration Check
25-Jul-15	09:51 AM	10:13 AM	22	Calibration Check		10-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
26-Jul-15	06:56 AM	07:18 AM	22	Calibration Check		11-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
27-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		12-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
28-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		13-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
29-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		14-Sep-15	06:19 AM	06:41 AM	22	Calibration Check
30-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		15-Sep-15	06:27 AM	06:49 AM	22	Calibration Check
31-Jul-15	06:20 AM	06:41 AM	21	Calibration Check		16-Sep-15	05:35 AM	05:56 AM	21	Calibration Check
01-Aug-15	06:20 AM	06:41 AM	21	Calibration Check		17-Sep-15	07:20 AM	07:41 AM	21	Calibration Check
02-Aug-15	06:17 AM	06:39 AM	22	Calibration Check		18-Sep-15	06:33 AM	06:55 AM	22	Calibration Check
03-Aug-15	06:20 AM	06:41 AM	21	Calibration Check		19-Sep-15	07:09 AM	07:31 AM	22	Calibration Check
04-Aug-15	06:29 AM	06:50 AM	21	Calibration Check		20-Sep-15	07:05 AM	07:27 AM	22	Calibration Check
05-Aug-15	06:42 AM	07:03 AM	21	Calibration Check		21-Sep-15	06:45 AM	06:59 AM	14	Calibration Check
06-Aug-15	06:36 AM	06:57 AM	21	Calibration Check		22-Sep-15	06:35 AM	06:56 AM	21	Calibration Check
07-Aug-15	06:23 AM	06:45 AM	22	Calibration Check		23-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
08-Aug-15	06:20 AM	06:41 AM	21	Calibration Check		24-Sep-15	05:42 AM	06:04 AM	22	Calibration Check
09-Aug-15	06:54 AM	07:08 AM	14	Calibration Check		25-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
10-Aug-15	06:26 AM	06:40 AM	14	Calibration Check		26-Sep-15	06:48 AM	07:10 AM	22	Calibration Check
10-Aug-15	06:46 AM	07:07 AM	21			27-Sep-15	06:20 AM	06:41 AM	21	Calibration Check
11-Aug-15	06:20 AM	06:41 AM	21	Calibration Check		28-Sep-15	07:37 AM	07:48 AM	11	Calibration Check
12-Aug-15	06:20 AM	06:41 AM	21	Calibration Check		29-Sep-15	07:22 AM	07:33 AM	11	Calibration Check
						30-Sep-15	06:39 AM	07:01 AM	22	Calibration Check
			Minutes						Minutes	
			922						890	
Total minutes for quality assurance:										
			Minutes							
			1812							

**SOX MONITOR
DOWNTIME**

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
8/10/2015	6:46 AM	7:07 AM	21	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
7/16/2015	6:05 AM	6:12 AM	7	OTHER ANALYZER WORK DONE (THC #1)	Manual Calibration	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
8/17/2015	8:01 AM	8:02 AM	2			Retention
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					113,717	
TOTAL DOWNTIME OF CEM SYSTEM:					30	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					30	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					113,687	
SYSTEM AVAILABILITY					100.0%	
Cells with this format is not counted toward source operating time.						

SOX MONITOR
PREVENTIVE
MAINTENANCE

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Date	Duration	Activity
TOTAL		
(e.g., blowback, manual adjustment to monitors, etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

**Opacity Exceedance
Summary**

EMISSION LIMIT: 20%
SIX-MINUTE STARTING
AT THE TOP OF THE HOUR

Date	MAXIMUM OPACITY	Duration (min)	Reason	Corrective Action
09/06/2015 08:30	30.0	6	Operator Error - Feed Prep	Reduced Feed Rates.
09/16/2015 13:06	45.8	12	Quarterly COMS Audit	NONE
		18	Total Minutes	

TELEDYNE MONITOR LABS
 MODEL: LightHawk 560
 SN #5600687

Opacity Exceedance

EMISSION LIMIT: 20%
 SIX-MINUTE STARTING
 AT THE TOP OF THE HOUR

	Date	% Opacity	Cause of Exceedance	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	09/06/2015 08:30	29.97	Operator Error - Feed Prep	Reduced Feed Rates.	Waste	Yes	No
2	09/16/2015 13:06	24.74	Quarterly COMS Audit	NONE	Waste	Yes	No
3	09/16/2015 13:12	45.81	Quarterly COMS Audit	NONE	Waste	Yes	No
		3	Total 6-Minute Averages in Exceedance				
		2	Number of Events				

Flows-Opacity - QA

[illegible]

TELEDYNE MONITOR LABS
 MODEL: LightHawk 560
 SN #5600687

Opacity Monitor
 Downtime

Date	Start Time	End Time	Duration	Reason	Action
WORK ON THIS ANALYZER					
OUT OF CONTROL PERIODS					
SYSTEM RECALIBRATIONS					
MONITOR EQUIPMENT MALFUNCTION					
OTHER ANALYZER WORK AFFECTING THIS ANALYZER					
				Other	
UNRECORDED TIME (MISSING MINUTES)					
8/17/2015	3:01 AM	3:02 AM	1		
TOTAL MINUTES IN QUARTER:					132,480
TOTAL OPERATING TIME OF SOURCE:					113,717
TOTAL DOWNTIME OF CEM SYSTEM:					2
CEM DOWNTIME DURING SOURCE OPERATING TIME:					2
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					113,715
SYSTEM AVAILABILITY					100.0%
Cells with this format is not counted toward source operating time.					

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor Downtime

[illegible]

TELEDYNE MONITOR LABS
 MODEL: LightHawk 560
 SN #5600687

Opacity Monitor
 Downtime

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
MONITOR EQUIPMENT MALFUNCTION						
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
2/17/2015	3:04 AM	3:02 AM	2			Retention
TOTAL MINUTES IN QUARTER:						
TOTAL OPERATING TIME OF SOURCE:					132,480	
TOTAL DOWNTIME OF CEM SYSTEM:					113,717	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					2	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					2	
SYSTEM AVAILABILITY					113,715	
					100.0%	
Cells with this format is not counted toward source operating time.						

**OPACITY MONITOR
PREVENTIVE MAINTENANCE**

Date	Duration	Activity
16-Sep-15	120	Audit
Total Minutes:	120	
(e.g., blowback, manual adjustment to monitor)		

Emissions Limits:
95.26 Tons/Year

**CO EXCESS
EMISSIONS REPORT**

Thermo Scientific
Model: 48I
Serial Numbers:
CM10360078

	Date	Time	Lb/MMBtu	Incinerator Operation	Reason	Corrective Action	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
	Total CO emissions for the quarter:							
			lbs	tons				
			9950	4.97				

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity	Date	Start Time	End Time	Duration	Activity
01-Jul-15	08:02 AM	08:14 AM	12	Calibration Check	11-Aug-15	07:01 AM	07:12 AM	11	Calibration Check
02-Jul-15	07:16 AM	07:27 AM	11	Calibration Check	12-Aug-15	07:12 AM	07:23 AM	11	Calibration Check
03-Jul-15	07:05 AM	07:16 AM	11	Calibration Check	13-Aug-15	06:53 AM	07:04 AM	11	Calibration Check
04-Jul-15	07:05 AM	07:16 AM	11	Calibration Check	14-Aug-15	06:50 AM	07:01 AM	11	Calibration Check
05-Jul-15	07:05 AM	07:16 AM	11	Calibration Check	15-Aug-15	06:50 AM	07:01 AM	11	Calibration Check
06-Jul-15	07:11 AM	07:22 AM	11	Calibration Check	16-Aug-15	06:50 AM	07:01 AM	11	Calibration Check
07-Jul-15	06:58 AM	07:09 AM	11	Calibration Check	17-Aug-15	08:13 AM	08:24 AM	11	Calibration Check
08-Jul-15	06:56 AM	07:08 AM	12	Calibration Check	18-Aug-15	06:48 AM	06:59 AM	11	Calibration Check
09-Jul-15	06:49 AM	07:00 AM	11	Calibration Check	19-Aug-15	06:30 AM	06:41 AM	11	Calibration Check
10-Jul-15	07:56 AM	08:07 AM	11	Calibration Check	20-Aug-15	06:45 AM	06:56 AM	11	Calibration Check
11-Jul-15	07:06 AM	07:17 AM	11	Calibration Check	21-Aug-15	06:59 AM	07:08 AM	9	Calibration Check
12-Jul-15	06:06 AM	06:17 AM	11	Calibration Check	22-Aug-15	09:03 AM	09:09 AM	6	Calibration Check
13-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	23-Aug-15	06:50 AM	06:55 AM	5	Calibration Check
14-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	03-Sep-15	07:06 PM	07:17 PM	11	Calibration Check
15-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	04-Sep-15	11:02 AM	11:13 AM	11	Calibration Check
16-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	05-Sep-15	07:55 AM	08:00 AM	5	Calibration Check
17-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	06-Sep-15	11:00 AM	11:12 AM	12	Calibration Check
18-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	07-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
19-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	08-Sep-15	07:44 AM	07:52 AM	8	Calibration Check
20-Jul-15	06:45 AM	06:56 AM	11	Calibration Check	09-Sep-15	07:16 AM	07:27 AM	11	Calibration Check
21-Jul-15	05:34 AM	05:45 AM	11	Calibration Check	10-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
22-Jul-15	07:09 AM	07:20 AM	11	Calibration Check	11-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
23-Jul-15	05:47 AM	05:58 AM	11	Calibration Check	12-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
24-Jul-15	06:50 AM	07:02 AM	12	Calibration Check	13-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
25-Jul-15	10:17 AM	10:28 AM	11	Calibration Check	14-Sep-15	06:45 AM	06:56 AM	11	Calibration Check
26-Jul-15	07:22 AM	07:33 AM	11	Calibration Check	15-Sep-15	06:53 AM	07:04 AM	11	Calibration Check
27-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	16-Sep-15	06:02 AM	06:13 AM	11	Calibration Check
28-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	17-Sep-15	07:03 AM	07:14 AM	11	Calibration Check
29-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	18-Sep-15	06:58 AM	07:09 AM	11	Calibration Check
30-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	19-Sep-15	07:35 AM	07:46 AM	11	Calibration Check
31-Jul-15	06:50 AM	07:01 AM	11	Calibration Check	20-Sep-15	07:33 AM	07:44 AM	11	Calibration Check
01-Aug-15	06:50 AM	07:01 AM	11	Calibration Check	21-Sep-15	06:31 AM	06:42 AM	11	Calibration Check
02-Aug-15	06:58 AM	07:10 AM	12	Calibration Check	21-Sep-15	07:03 AM	07:06 AM	3	Recalibration
03-Aug-15	06:50 AM	07:01 AM	11	Calibration Check	22-Sep-15	06:21 AM	06:32 AM	11	Calibration Check
04-Aug-15	06:55 AM	07:07 AM	12	Calibration Check	23-Sep-15	06:47 AM	06:58 AM	11	Calibration Check
05-Aug-15	07:08 AM	07:19 AM	11	Calibration Check	24-Sep-15	06:09 AM	06:20 AM	11	Calibration Check
06-Aug-15	07:03 AM	07:14 AM	11	Calibration Check	25-Sep-15	06:55 AM	07:06 AM	11	Calibration Check
07-Aug-15	06:58 AM	07:09 AM	11	Calibration Check	26-Sep-15	07:20 AM	07:31 AM	11	Calibration Check
08-Aug-15	07:06 AM	07:18 AM	12	Calibration Check	27-Sep-15	06:50 AM	07:01 AM	11	Calibration Check
09-Aug-15	07:12 AM	07:23 AM	11	Calibration Check	28-Sep-15	07:52 AM	08:04 AM	12	Calibration Check
10-Aug-15	07:19 AM	07:30 AM	11	Calibration Check	29-Sep-15	07:39 AM	07:51 AM	12	Calibration Check
					30-Sep-15	07:05 AM	07:16 AM	11	Calibration Check
			Minutes					Minutes	
			457					435	
Total minutes for quality assurance:									
			Minutes						
			892						

CO Monitor
Stack #2
Downtime

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER				Stack #2 - CO		
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
9/21/2015	7:03 AM	7:06 AM	3	Stack Re-Calibration	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
8/17/2015	3:01 AM	3:02 AM	2			Retention
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					113,717	
TOTAL DOWNTIME OF CEM SYSTEM:					5	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					5	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					113,712	
SYSTEM AVAILABILITY					100.0%	
Cells with this format is not counted toward source operating time.						

**CO Monitor
Stack #2
Preventative
Maintenance**

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

Date	Duration	Activity
TOTAL		
(e.g., blowback, manual adjustment to monitors etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

